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SIXTEENTH

ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

ON THE

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

SCOTLAND

DURING THE

YEAR 1870;

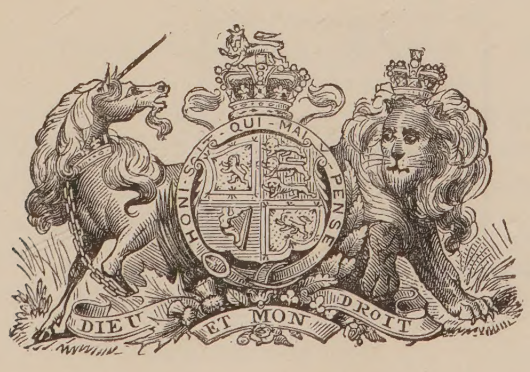
AND

SIXTH ANNUAL REPORT

ON

VACCINATION.

Presented to both Houses of Parliament by Command of Her Majesty.



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REPORT.

TO THE

RIGHT HON$^{BLE.}$ H. AUSTIN BRUCE, M.P.,

Her Majesty's Principal Secretary of State for the Home Department.

GENERAL REGISTRY OFFICE OF BIRTHS, ETC.,
EDINBURGH, *March* 23, 1871.

SIR,

I HAVE the honour to submit to you a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1870, in conformity with the requirements of the Scottish Registration Act (17° and 18° Vict. c. 80), in order that the same may be laid before Parliament.

As in my former Reports, I have directed that this Abstract should be accompanied by a short explanatory statement as to the health of the population during the year, the diseases which were prevalent, and the causes which seemed to affect the proportions of the Births, Deaths, and Marriages.

I have also continued the series of Tables begun two years ago, which prove that density of population has an equally powerful influence in increasing the proportion of Births and of Marriages, as it has long been proved to have on the increase of the Deaths.

The influence of the weather on the health and mortality of the population, and the varied Tables which illustrate the same, are worthy of a careful perusal, as they show how dependent man is on the conditions of the atmosphere which surrounds him.

I have also the honour to submit to you my Sixth Annual

Report on Vaccination, in conformity with the Nineteenth Section of the Scottish Vaccination Act (26° and 27° Vict. c. 108). It gives a general abstract of the number of children born during 1869 who were successfully vaccinated, who from various causes were found to be insusceptible of the vaccine virus, whose vaccination was postponed, who died before vaccination could be performed, and other particulars required by that Statute.

I have again the pleasure of stating that the success of the Scottish Vaccination Act has been as great as any legislative enactment in reference to disease could be. Of the children who survived till they attained the age when they could be vaccinated, 97·3 per cent. were successfully vaccinated, or were otherwise accounted for, conform to the provisions of the Statute. Under its operation Small-pox has greatly diminished; and although that loathsome disease has manifested a strong tendency during 1870 to assume the Epidemic form and spread among the people, the people's and the authorities' harmonious compliance with the provisions of the Act seems to have kept the disease within very confined limits, so that, at the very utmost, not above 150 persons have died in Scotland from the disease during the past year.

I have the honour to be,

SIR,

Your obedient Servant,

W. PITT DUNDAS,

Registrar-General.

REPORT TO THE REGISTRAR-GENERAL,

BY JAMES STARK, M.D., F.R.S.E.

SIR,

THIS Report refers to the Births, Deaths, and Marriages registered during the year 1870 in the 1018 districts into which Scotland was that year divided for the purposes of registration; it has also reference to the vaccination of the children whose births were recorded during the year 1869.

115423 Births, 74067 Deaths, and 23788 Marriages were entered on the registers of Scotland during the year 1870; and when these numbers are compared with the estimated population, it appears that births, deaths, and marriages were all above the mean rate of the ten previous years. As compared with the previous year, there was in 1870 an increase of 2028 births and 1705 marriages, but a decrease of 1722 deaths.

POPULATION.

In a small country like Scotland, which annually sends off such a large proportion of her population as emigrants not only to foreign countries, but also to England and to Ireland, it is at all times difficult to arrive at a close approximation to the population actually in the country during any

---

TABLE I.—Population estimated to the middle of each year, with the number of Births, Deaths, and Marriages registered in Scotland, during each of the years 1855 to 1870, and their proportion to the Population; also the Illegitimate Births, and the excess of Births over Deaths.

YEAR.	Population estimated to the Middle of each Year.	BIRTHS.		DEATHS.	MAR-RIAGES.	Excess of Births over Deaths.	Proportion to every 100 Persons living.		
		Total.	Illegit.				Births.	Deaths.	Marriages.
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	3·134	2·082	0·660
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3·395	1·953	0·692
1857	3,012,310	103,415	8,869	61,906	21,369	41,509	3·433	2·055	0·709
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3·435	2·098	0·649
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3·502	2·028	0·697
1860	3,054,738	105,629	9,736	68,170	21,225	37,359	3·457	2·231	0·695
1861	3,066,633	107,009	9,929	62,341	20,896	44,668	3·484	2·032	0·681
1862	3,083,989	107,069	10,376	67,195	20,597	39,874	3·471	2·178	0·667
1863	3,101,345	109,341	10,948	71,481	22,234	37,860	3·525	2·305	0·716
1864	3,118,701	112,333	11,197	74,416	22,725	37,917	3·602	2·386	0·728
1865	3,136,057	113,070	11,262	70,891	23,611	42,179	3·605	2·260	0·753
1866	3,153,413	113,667	11,673	71,348	23,688	42,319	3·604	2·263	0·751
1867	3,170,769	114,044	11,148	69,068	22,618	44,976	3·593	2·177	0·710
1868	3,188,125	115,514	11,354	69,416	21,855	46,098	3·623	2·177	0·685
1869	3,205,481	113,395	11,023	75,789	22,083	37,606	3·537	2·364	0·689
1870	3,222,837	115,423	10,988	74,067	23,788	41,356	3·581	2·298	0·738

year. This difficulty, however, is still greater for the year 1870, as nine years had elapsed since the Census of the population was taken, and there was nothing certain to guide us as to the probable increase during that period. Hitherto the population of each year has been estimated on the supposition that it was increasing at the same ratio as between 1851 and 1861. From the increased prosperity of the country, however, since 1861, it is highly probable that the Census of 1871 will show that the ratio of increase has been greater than this; but, till that Census be taken, we must hold to our old mode of estimation, and assume that the population of Scotland at the middle of the year 1870 amounted to 3,222,837 persons.

Had the actual number of emigrants, and drafts to the Army and Navy, been ascertained, the population of Scotland might have been approximately estimated from the excess of births over deaths, deducting these emigrants, etc. But as the number of emigrants from Scotland is only ascertained at Glasgow and Greenock, and neither includes the large migrations to England and Ireland, to the continent of Europe, and India, nor the drafts to the Army and Navy, nor even the emigrants from other seaport towns, this mode of calculation gives a great over-estimate of the population—perhaps showing the population as much in excess of the reality as our own estimate will likely show it in deficiency.

To show, however, how the population would have stood had it been calculated from the excess of births over deaths, deducting the registered emigrants, Table II. is added, by which it will be seen that in 1870 the population of Scotland would, by that mode of calculation, have numbered 3,305,655 persons.

BIRTHS.

115423 Births were registered in Scotland during the year 1870, being at the rate of 358 births in every ten thousand persons of the estimated population, or 3·58 per cent. Since the Registration Act came into operation, the above number was only exceeded in the year 1868, when 115514 births were registered; but the births of 1870 exceeded those of 1869 by 2028. The mean of the ten previous years gives an annual birth-rate of 354 births in every ten thousand persons; so that the birth-rate of the year just closed is above the average. There can scarcely be a doubt that the great increase of marriages, during 1870 and the latter portion of 1869, had much to do with this increase of births.

Of the 115423 births, 40467 occurred in the Principal Towns, 11010 in the Large Towns, 18986 in the Small Towns, and 44960 in the Rural Districts, indicating a ratio of one birth for every twenty-four persons in

TABLE II.—Population of Scotland estimated to the middle of each year from the Excess of Births over Deaths, deducting Emigrants, and the Per-centage of Births, Deaths, and Marriages to that Population; also, the Annual Increase or Decrease of Births, Deaths, and Marriages.

YEAR.	Population estimated.	Yearly Increase of Population.	Emigrants.	Per-centage to Population.			Annual Increase or Decrease.		
				Births.	Deaths.	Marriages.	Births.	Deaths.	Marriages.
1861	3,066,633	35,694	8,974	3·484	2·032	0·681	+1380	—5829	— 329
1862	3,102,327	24,769	15,105	3·451	2·166	0·665	+ 60	+4854	— 299
1863	3,127,096	20,880	16,980	3·496	2·286	0·711	+2272	+4286	+1637
1864	3,147,976	22,523	15,394	3·568	2·364	0·721	+2992	+2935	+ 491
1865	3,170,499	28,902	13,277	3·566	2·235	0·744	+ 737	—3525	+ 886
1866	3,199,401	29,504	12,815	3·552	2 230	0·740	+ 597	+ 457	+ 77
1867	3,228,905	31,578	13,398	3·532	2·138	0·700	+ 375	—2280	—1070
1868	3,260,483	30,659	15,439	3·540	2·129	0·670	+1470	+ 348	— 763
1869	3,291,142	14,513	23,093	3·445	2·302	0·668	—2119	+6373	+ 228
1870	3,305,655	17,909	23,447	3·491	2·240	0·719	+2028	—1722	+1705

the Principal Towns, one birth for every twenty-six persons in the Large Towns, one birth for every twenty-eight persons in the Small Towns, but only one birth for every thirty-two persons in the Rural Districts; or 41 births for every thousand persons in the Principal Towns, 39 per thousand in the Large Towns, 35 in the Small Towns, but only 31 births per thousand persons in the Rural Districts. (Tables V. and VI.)

TABLE III.—Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1860 to 1870 inclusive.

	1860.		1861.		1862.		1863.		1864.		1865.		1866.		1867.		1868.		1869.		Mean per cent. Ten Years.	1870.	
	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.		No.	Per cent.
FIRST QUARTER.																							
Births, ...	27118	3·55	25400	3·30	27089	3·51	26733	3·44	28049	3·61	28594	3·65	28883	3·66	27952	3·52	28697	3·60	28429	3·54	3·539	28674	3·55
Deaths, ...	20223	2·65	17944	2·33	19420	2·51	19229	2·47	22605	2·89	20804	2·65	19095	2·42	19977	2·51	18042	2·26	20431	2·54	2·523	22184	2·75
Marriages, ...	4802	0·63	4636	0·61	4763	0·62	5126	0·66	5346	0·68	5416	0·69	5642	0·71	5356	0·66	5287	0·66	5291	0·66	0·658	5631	0·69
Mean Temperat.	36°·0		38°·9		38°·8		40°·9		35°·7		35°·3		38°·0		56°·5		40°·6		40°·0		38°·07	36°·9	
SECOND QUARTER.																							
Births, ...	28292	3·71	29200	3·80	28728	3·73	29655	3·82	29964	3·84	30818	3·86	29808	3·78	30375	3·83	30983	3·89	29472	3·67	3·793	30645	3·80
Deaths, ...	18182	2·38	15947	2·07	17385	2·25	17963	2·31	18473	2·36	17074	2·17	18575	2·35	17475	2·20	16958	2·12	19449	2·42	2·263	17984	2·20
Marriages, ...	5329	0·69	5327	0·69	5185	0·67	5594	0·71	5723	0·73	5707	0·72	6034	0·76	5627	0·70	5661	0·71	5596	0·69	0·707	5754	0·71
Mean Temperat.	48°·2		50°·6		49°·4		49°·0		49°·9		51°·5		49°·3		49°·0		51°·0		48°·4		50°·63	51°·0	
THIRD QUARTER.																							
Births, ...	24914	3·26	26146	3·41	25783	3·34	26366	3·40	27035	3·47	27306	3·48	27204	3·45	27870	3·51	28354	3·56	27646	3·44	3·432	28272	3·50
Deaths, ...	13875	1·82	13415	1·74	14235	1·84	16273	2·09	16159	2·06	15924	2·02	15470	1·95	15125	1·90	16659	2·09	16532	2·06	1·957	16555	2·05
Marriages, ...	4514	0·59	4480	0·59	4570	0·59	4900	0·62	5005	0·64	5343	0·68	5104	0·64	5071	0·63	4704	0·59	4870	0·60	0·617	5301	0·65
Mean Temperat.	53°·9		56°·0		54°·4		53°·9		54°·5		57°·5		54°·4		55°·2		57°·4		56°·4		55°·36	57°·1	
FOURTH QUARTER.																							
Births, ...	25305	3·31	26263	3·42	25469	3·30	26587	3·42	27185	3·49	26852	3·42	27772	3·52	27847	3·51	27480	3·45	27848	3·47	3·430	27832	3·45
Deaths, ...	15890	2·08	15035	1·95	16155	2·09	18016	2·32	17179	2·19	17089	2·17	18210	2·30	16491	2·07	17757	2·22	19377	2·42	2·181	17344	2·15
Marriages, ...	6580	0·86	6453	0·84	6079	0·78	6614	0·84	6651	0·85	7145	0·91	6908	0·87	6564	0·82	6203	0·77	6326	0·78	0·832	7102	0·88
Mean Temperat.	39°·7		42°·0		42°·0		43°·6		42°·0		43°·4		43°·5		42°·		41°·5		40·9		42°·09	39°·6	
YEAR.																							34·5
Population, ...	3054738		3066632		3083989		3101345		3118701		3136057		3153413		3170769		3188125		3205461			3222837	
Births, ...	105629	3·46	107009	3·48	107069	3·47	109341	3·52	112333	3·60	113070	3·60	113667	3·60	114044	3·59	115514	3·62	113395	3·54	3·549	115423	3·58
Deaths, ...	68170	2·23	62341	2·03	67195	2·17	71481	2·30	74416	2·38	70891	2·26	71350	2·26	69068	2·17	69416	2·17	75789	2 36	2·233	74067	2·29
Marriages, ...	21225	0·69	20896	0·68	20597	0·66	22234	0·71	22725	0·72	23611	0·75	23688	0·75	22618	0·71	21855	0·68	22083	0·68	0·703	23788	0·73

This year's observations therefore corroborate those of previous years, that the births are under the very same law as the deaths, viz., are numerous just in proportion to the density of the population.

Even the Divisions of Scotland showed, in a general way, this influence of density of population on the births. Thus, in the North-Western Division, with 23 persons to a square mile, there occurred in the proportion of 273 births to every ten thousand persons. In the North-Eastern Division, with 96 persons to a square mile, there were 344 births to a like population. In the South-Eastern Division, with 219 persons to a square mile, there were 376 births to every ten thousand inhabitants; but in the populous South-Western Division, with 441 persons to a square mile, there were 410 births to every ten thousand inhabitants. (Table IV.)

Of the 115423 births, 104435 were legitimate, and 10988 illegitimate, indicating that 9·7 per cent. of the births were illegitimate. As usual, the proportion of illegitimate births was lower in the Town than in the Rural Districts. Thus, all the Town Districts only furnished 9·1 per cent. of the births as illegitimate, while 10·1 per cent. of the births were illegitimate in the Rural Districts. It will be seen from Table VII. that the proportion of illegitimate births in the several Divisions and Counties of Scotland was much the same for each as in former years; but the difference in the several counties is very great, ranging from 3 per cent. in Shetland to 17·9 per cent. in Banff.

Of the 115423 children born during the year, 59012 were boys, and 56411 girls; thus showing that the proportion of the sexes at birth was 104·6 boys for every 100 girls—a lower proportion of boys than usual.

The greatest daily number of births occurred, as usual, during the months of March, April, May, and June, when they respectively numbered 330, 341, 332, and 338 daily. The lowest number of births occurred during the inclement months of November and December, when they respectively numbered 301 and 300 daily. (Table XVI.)

DEATHS.

74067 Deaths were registered in Scotland during the year 1870, being in the high proportion of 229 deaths in every ten thousand persons, or 2·29 per cent. The mean death-rate of the ten previous years was 2·23 deaths

TABLE IV.—Estimated Population, with the Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1870, and their Proportion to the Population.

DIVISIONS.	Population estimated to middle of year.	BIRTHS.		DEATHS.		MARRIAGES.	
		Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
Northern	133,557	3162	2·36	1833	1·37	575	0·43
North-Western	159,559	4362	2·73	2709	1·69	749	0·47
North-Eastern	383,812	13216	3·44	6643	1·73	2417	0·63
East Midland	531,091	17699	3·33	12149	2·28	3669	0·69
West Midland	243,487	8059	3·31	5230	2·14	1507	0·62
South-Western	1,125,879	46172	4·10	31254	2·77	9970	0·88
South-Eastern	432,771	16308	3·76	10221	2·36	3714	0·86
Southern	212,681	6445	3·03	4028	1·89	1187	0·56

per cent., or 223 deaths in every ten thousand persons; so that the death-rate of the past year has been above the average; though 1722 fewer deaths occurred than during the previous year, which was one of very high mortality.

It may be remarked that, high as the death-rate was in Scotland, it was considerably below that of England, which was in the proportion of 233 deaths in every ten thousand persons, or 2·33 per cent.—the mean of the ten previous years in England being 225 deaths per ten thousand persons, or 2·25 per cent.

The several Town and Rural Districts of Scotland showed the usual striking differences in their mortality during the year. Thus, for every thousand persons in each of these districts, there were 29·1 deaths in the Principal Towns, 27·5 deaths in the Large Towns, 22·4 deaths in the Small Towns, but only 18·0 deaths in the Rural Districts; or, to put it in other words, one death for every 34 persons in the Principal Towns, one death for every 36 persons in the Large Towns, one death for every 44 persons in the Small Towns, but only one death for every 55 persons in the Rural Districts.

During the ten years 1858–1867, for every thousand persons in each of

---

TABLE V.—Births, Illegitimate Births, Deaths, and Marriages in the Groups of Town and Rural Districts of Scotland in 1870, distinguishing the Sexes.

GROUPS OF DISTRICTS.	POPULATION ESTIMATED TO MIDDLE OF YEAR 1870.			BIRTHS.			ILLEGITIMATE BIRTHS.	DEATHS.			MARRIAGES.
	Males.	Females	Both Sexes.	Males.	Fem.	Both Sexes.		Males.	Fem.	Both Sexes.	
Principal Towns . .	449510	527778	977288	20714	19753	40467	3805	14233	14263	28496	9729
Large Towns . . .	131192	149330	280522	5573	5437	11010	870	3855	3854	7709	2363
Small Towns . . .	254577	284602	539179	9745	9241	18986	1762	5932	6159	12091	3760
Total Town Districts .	835279	961710	1,796,989	36032	34431	70463	6437	24020	24276	48296	15852
Rural Districts . .	683361	742487	1,425,848	22980	21980	44960	4551	12850	12921	25771	7936
SCOTLAND . .	1,518,640	1,704,197	3,222,837	59012	56411	115423	10988	36870	37197	74067	23788

TABLE VI.—Per-centage and Proportion of Births, Deaths, and Marriages to the Population in the Groups of Town and Rural Districts of Scotland in 1870; also, the Per-centage of Illegitimate to the Total Births.

GROUPS OF DISTRICTS.	Per-centage to Population.							Per-cent. of Illegit. to Total Births.	Proportion to Population.						
	Births.			Deaths.			Marriages.		Births, One in every.			Deaths, One in every			Marriages, One in every
	Mal.	Fem.	Both Sexs.	Mal.	Fem.	Both Sexs.			Mal.	Fem.	Both Sexs.	Mal.	Fem.	Both S xs.	
Principal Towns .	4·61	3·74	4·14	3·16	2·72	2·91	0·99	9·4	21	26	24	31	37	34	100
Large Towns . .	4·24	3·64	3·92	2·93	2·58	2·75	0·84	7·9	23	28	26	34	38	36	118
Small Towns .	3·82	3·24	3·52	2·33	2·16	2·24	0·69	9·2	26	31	28	43	46	44	143
Total Town Districts .	4·31	3·58	3·91	2·87	2·52	2·68	0·88	9·1	22	28	25	34	39	37	113
Rural Districts . .	3·36	2·96	3·15	1·88	1·74	1·80	0·55	10·1	30	34	32	53	57	55	179
SCOTLAND .	3·88	3·31	3·58	2·42	2·18	2·29	0·74	9·5	25	30	28	41	45	43	135

NOTE.—The Large Towns have each Populations from 10,000 to 25,000 inhabitants. The Small Towns have each Populations from 3,000 to 10,000 persons.

these districts there occurred annually 28·6 deaths in the Principal Towns, 25·0 deaths in the Large Towns, 21·7 deaths in the Small Towns, and 17·3 deaths in the Rural Districts; or, in other words, one death in every 35 persons in the Principal Towns, one death in every 39 persons in the Large Towns, one death in every 46 persons in the Small Towns, but only one death for every 58 persons in the Rural Districts.

It is thus seen, by comparing the deaths in these several districts during 1870 with those of the ten above-named years, that while the relative proportions remain nearly unaltered, there was a decided increase of deaths in all the districts; and the difference was even greater in the Rural and Small Town Districts than in the Principal Towns themselves. This of itself shows that the increase was not dependent on local insanitary causes, which might have been corrected through human agency; but was probably due to atmospheric causes, which have hitherto escaped human research, and are probably beyond human control.

MARRIAGES.

23788 Marriages were registered in Scotland during the year 1870, being 1705 more marriages than were registered during the year 1869; and showing the high marriage-rate of 73 marriages in every ten thousand persons. The mean rate of the ten previous years was 70 marriages in every ten thousand persons; and it was only during the prosperous years 1865 and 1866 that the marriage-rate in Scotland exceeded that of 1870.

It is a fact worthy of special note, that the marriages seem to be affected by density of population, in the very same manner as the births and deaths—viz., that they are most numerous where the greatest masses of human beings are congregated together, and are fewest in number where the population is most scattered. Thus, for every ten thousand persons in each of the groups of districts in 1870, there were contracted 99 marriages in the Principal Towns, 84 marriages in the Large Towns, 69 marriages in the Small Towns, but only 55 marriages in the Rural Districts.

During the ten years 1858–1867, for every ten thousand persons in each of these groups of districts there occurred annually 91 marriages in the Principal Towns, 79 marriages in the Large Towns, 69 marriages in the Small Towns, and 56 marriages in the Rural Districts. From this it appears that the great increase of marriages during the past year has been almost exclusively confined to the Principal and the Large Towns, the great centres of human industry—that it has not at all extended to the Small Towns—and but to a very trifling extent to the Rural Districts.

TABLE VII.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, during the 1870.

DIVISIONS.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.
SCOTLAND.	9·5	Shetland	3·0	Forfar	11·0	Lanark	8·5
		Orkney	4·7	Perth	11·3	Linlithgow	8·0
Northern Division	6·4	Caithness	9·8	Fife	7·8	Edinburgh	8·5
North-Western Do.	6·5	Sutherland	6·4	Kinross	10·7	Haddington	10·6
North-Eastern Do.	14·9	Ross & Cromarty	5·2	Clackmannan	9·0	Berwick	9·2
East-Midland Do.	10·1	Inverness	7·8	Stirling	8·4	Peebles	8·9
West-Midland Do.	8·0	Nairn	7·6	Dumbarton	6·6	Selkirk	10·8
South-Western Do.	8·2	Elgin	14·8	Argyll	8·7	Roxburgh	10·0
South-Eastern Do.	8·7	Banff	17·9	Bute	6·8	Dumfries	13·8
Southern Do.	13·4	Aberdeen	14·6	Renfrew	6·5	Kirkcudbright	15·6
		Kincardine	13·8	Ayr	8·8	Wigtown	15·3

The number and proportion of marriages during any year indicate very closely the state of prosperity of the country, more especially with reference to its mining, manufacturing, and commercial industries. When trade was slack, and commerce dull, as during the years 1858, 1862, and 1867, marriages declined from 5 to 8 per cent. But when all classes of trade are in full employment, and commerce is prosperous, marriages largely increase. The large increase of 1705 marriages in 1870, or nearly 8 per cent. above those of the previous year, indicates in unmistakeable language the peoples' own opinion of the industrial and commercial prosperity of the year just closed.

Curious facts are occasionally noted by the Registrars, which merit being recorded. During the year a giant Irishman died at Hawick who was 7 feet 8 inches in height, measured 58 inches round the chest, and weighed 22 stone avoirdupois. At Killin, Perthshire, an old man died at the age of 91 years; but five or six years before his death he cut six new teeth, which he said were quite serviceable, and as sharp as lancets. An old man died at Fodderty, in Ross-shire, at the extreme age of 108. His birth was not registered in the parish; but he always stated that he was born the same year as the first slated house in the parish was built, and the date on it is 1760.

EIGHT PRINCIPAL TOWNS OF SCOTLAND.

In order to keep the authorities and the public informed of the birth, death, and marriage-rates which prevail among those great masses of our

TABLE VIII.—Annual Rate of Mortality per cent. in the Town and Rural Districts of Scotland, during each Quarter of the Years 1860 to 1870.

Districts.	Population enumerated.		Quarter ending	Annual Per-centage of Mortality in each Quarter of the Years											
	1851.	1861.		1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	Mean of Ten Years.	1870
Town Districts, containing Towns of 3000 Inhabitants and upwards.	1,477,118	1,643,282	March	3·11	2·71	2·98	2·85	3·46	3·19	2·84	2·93	2·65	3·07	2·98	3·18
			June	2·70	2·44	2·61	2·71	2·77	2·61	2·76	2·59	2·52	2·90	2·66	2·56
			Sept.	2·03	2·04	2·14	2·50	2·51	2·48	2·32	2·22	2·59	2·47	2·33	2·44
			Dec.	2·45	2·33	2·57	2·83	2·67	2·66	2·76	2·52	2·75	2·96	2·65	2·55
			Year	2·57	2·41	2·56	2·72	2·85	2·74	2·67	2·58	2·63	2·85	2·65	2·68
Rural Districts, embracing the remainder of Scotland.	1,411,624	1,419,012	March	1·96	1·42	2·05	2·06	2·25	2·03	1·93	1·75	1·79	1·89	1·90	2·20
			June	1·86	1·68	1·87	1·86	1·90	1·68	1·87	1·73	1·64	1·82	1·79	1·74
			Sept.	1·45	1·42	1·52	1·64	1·56	1·50	1·53	1·45	1·49	1·54	1·51	1·57
			Dec.	1·53	1·55	1·56	1·75	1·66	1·63	1·77	1·55	1·59	1·72	1·63	1·64
			Year	1·70	1·62	1·74	1·83	1·84	1·70	1·78	1·62	1·63	1·75	1·71	1·80

population which are collected in our chief towns, Weekly and Monthly Reports are regularly issued from this Office. The former give merely the number of births, deaths, and marriages which occurred in Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, Leith, and Perth during the previous week; the latter give, in addition, the particulars as to the ages of the persons who have died, and the diseases which proved fatal. Both Returns give, in addition, meteorological observations made in each town for the period to which the Return applies, so that the influence of weather on the health of the people may be traced.

As the population of these towns amounts very nearly to a third of that of Scotland, and as they are well scattered over the country, the diseases which prevailed in them during the past year may serve to give a general idea of those which proved fatal to the inhabitants of Scotland.

BIRTHS IN THE EIGHT TOWNS.

40481 Births were registered in the Eight Principal Towns of Scotland during the year 1870, being at the high rate of 41·4 births in every thousand of the estimated population, or 4·14 per cent. This is the highest number and the highest proportion of births which have ever been registered in the Eight Towns, and is no doubt greatly due to the increased number and proportion of marriages which occurred at the close of the year 1869, and during the whole of the year just ended.

The birth-rate varied in the several towns, having been highest in Greenock, and lowest in Perth. Thus, for every thousand persons in each of the Towns during the year, there occurred 29·7 births in Perth, 36·1 in Paisley, 37·7 in Edinburgh, 42·1 in Aberdeen, 42·3 in Glasgow, 42·5 in Dundee, 45·8 in Leith, and the very high proportion of 49·8 births in Greenock.

Of the 40481 Births in the Eight Towns, 36680 were legitimate and 3801 illegitimate, indicating that 9·4 per cent. of the Births were illegitimate. That proportion, however, varied greatly in the several towns. Thus, in Greenock only 4·9 per cent. of the births were illegitimate; in Leith, 5·8 per cent.; in Paisley, 8·4 per cent.; in Edinburgh, 9 per cent.;

TABLE IX.—Births, Deaths, and Marriages, and their Proportion to the Population, of the Eight Principal Towns of Scotland, during each of the Years 1855 to 1869 inclusive.

YEARS.	Population estimated to the middle of each year.	BIRTHS.		DEATHS.		MARRIAGES.	
		Number.	Per cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population.
1855	826,648	28,245	3·41	22,740	2·75	6934	0·84
1856	836,633	31,885	3·81	22,248	2·65	7411	0·88
1857	846,628	32,869	3·88	23,361	2·76	7495	0·88
1858	856,613	32,555	3·80	23,420	2·73	6863	0·80
1859	866,698	33,018	3·80	22,345	2·57	7541	0·87
1860	876,683	32,945	3·75	26,028	2·95	7660	0·87
1861	887,450	34,331	3·79	23,130	2·60	7733	0·87
1862	897,432	34,443	3·83	24,965	2·78	7694	0·85
1863	907,414	35,895	3·95	27,030	2·97	8593	0·94
1864	917,396	37,072	4·05	28,828	3·14	8884	0·96
1865	927,378	38,075	4·10	28,499	3·07	9320	1·00
1866	937,360	38,552	4·11	27,448	2·92	9450	1·00
1867	947,342	39,012	4·11	26,511	2·79	8867	0·93
1868	957,324	39,513	4·12	28,031	2·92	8606	0·90
1869	967,306	39,515	4·08	31,450	3·25	9161	0·94
1870	977,288	40,481	4·14	28,493	2·91	9730	0·99

NOTE.—All these Tables being made up from the Registrars' Returns, we have not the means of correcting the slight discrepancies between them and the Quarterly figures, as the Registration Books are not received at this Office for many months.

in Glasgow, 9·5 per cent.; in Perth, 10·3 per cent.; in Dundee, 11·2 per cent.; and in Aberdeen, 12·3 per cent.

Of the children born during the year, 20728 were boys and 19753 girls, indicating that 105 boys were born for every 100 girls.

DEATHS IN THE EIGHT TOWNS.

28493 Deaths were registered in the Eight Towns during the year 1870, being in the proportion of 29·1 deaths in every thousand persons of the estimated population. The above number shows that 2957 fewer deaths occurred in the Eight Towns during 1870 than during the previous year, which was one of high mortality. All the towns, however, did not participate in this decrease, seeing that in Aberdeen the mortality was 8 per cent. higher than that of the previous year. Aberdeen, however, was also an exception to the general excess of deaths in 1869; for while the other towns during that year exhibited a greatly increased mortality, her death-rate was below the average. If waves of increased mortality spread slowly over the country from south to north, as we have elsewhere shown that waves of epidemic mortality do, that circumstance would account for the above-mentioned curious fact relative to Aberdeen, for the wave of increased mortality would not have reached Aberdeen till perhaps months after it raised the mortality of the other towns.

As usual, the death-rate during the year was very different in the several towns. Thus, for every thousand persons in each town there occurred at the rate of 22·3 deaths in Perth, 25·5 in Aberdeen, 26·3 in Edinburgh, 26·7 in Leith, 28·5 in Paisley, 30·5 in Glasgow, 31·0 in Dundee, and 33·5 deaths in Greenock.

Of the 28493 persons who died in the Eight Towns during the year, 11844 were under 5 years of age, 3139 were between 5 and 20 years of age, 8663 were between 20 and 60 years, and 4847 were above 60 years of age. This indicates that 41·6 per cent. of all who died were under 5 years of age, 11·2 per cent. between 5 and 20 years, 30·2 per cent. between 20 and 60 years, and 17·0 per cent. above 60 years of age.

TABLE X.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1870, in each of the Eight Principal Towns of Scotland; also, the Illegitimate Births, and their Proportion to the Total Births.

Towns.	Population estimated to the middle of 1870.	BIRTHS.		ILLEGIT. BIRTHS		DEATHS.		MARRIAGES.	
		Number.	Per Cent. to Pop.	Number.	Per Cent. to Total Births.	Number.	Per Cent. to Pop.	Number.	Per Cent. to Pop.
Glasgow	456,923	19359	4·23	1853	9·5	13952	3·05	4619	1·01
Edinburgh	178,575	6732	3·77	606	9·0	4706	2·63	1855	1·03
Dundee	102,422	4354	4·25	484	11·2	3183	3·10	968	0·93
Aberdeen	75,676	3209	4·21	396	12·3	1929	2·55	704	0·93
Paisley	47,427	1716	3·61	144	8·4	1352	2·85	458	0·95
Greenock	49,860	2483	4·98	122	4·9	1672	3·35	523	1·05
Leith	39,553	1814	4·58	112	5·8	1058	2·67	423	1·06
Perth	27,407	814	2·97	84	10·3	641	2·33	180	0·65

As the deaths of children under Five years of age in the several towns has been attracting considerable attention, there is given in Table XII. the estimated number of children under 5 years of age in each of the Eight Towns during the year 1870, the deaths of children under 5 years, the per-centage of deaths to the living, and the per-centage of children's deaths to the total deaths at all ages in each town. If the Eight Towns were arranged according to the least mortality of children under 5 years of age as compared with the living children at the same age, Perth would stand at the head of the list as the most healthy of the towns, Greenock at the bottom, as the most unhealthy. Thus, out of every thousand children under 5 years of age, there died in the proportion of 55 in Perth, 75 in Edinburgh and in Paisley, 77 in Aberdeen, 91 in Leith, 96 in Glasgow, 106 in Dundee, and 108 in Greenock. If placed in the order of least proportion of deaths under 5 years of age as compared with the total deaths at all ages, Perth would still stand at the head of the list as the most healthy, while Leith would stand at the bottom of the list as the most unhealthy during the year 1870. Thus, in Perth 29·6 per cent. of the persons who died were under 5 years of age; in Edinburgh, 33·5 per cent.; in Paisley, 37·5 per cent.; in Aberdeen, 37·7 per cent.; in Glasgow, 43·8 per cent.; in Dundee, 45·1 per cent.; in Greenock, 47·1 per cent.; while in Leith, 47·4 per cent. of the persons who died were under 5 years of age.

The Zymotic (epidemic and contagious) class of diseases during 1870 proved fatal to 6048 persons in the Eight Towns, being in the low proportion of 62·7 deaths in every ten thousand persons, or 21·50 per cent. of the total deaths. This is a low proportion, seeing that a ten years' average of the town deaths shows that 26·19 per cent. of the deaths annually were attributable to the zymotic class of diseases. The above fact is worthy of notice as bearing on the sanitary condition of towns, because it demon-

TABLE XI.—Per-centage of Deaths to the Population in each of the Eight Principal Towns of Scotland, during each of the Years 1860-1870.

Towns.	Per-centage of Deaths to the Population.											
	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	Mean of Ten Years.	1870.
Glasgow	3·19	2·75	2·86	3·24	3·27	3·28	2·98	2·88	3·12	3·47	3·10	3·05
Edinburgh	2·50	2·44	2·77	2·60	2·69	2·78	2·75	2·71	2·70	3·04	2·69	2·64
Dundee	3·20	2·60	2·79	2·87	3·25	3·10	3·20	2·98	2·91	3·51	3·04	3·10
Aberdeen	2·97	2·40	2·59	2·35	2·87	2·65	3·11	2·43	2·69	2·36	2·65	2·54
Paisley	2·90	2·54	2·64	2·56	3·20	2·97	2·83	2·81	2·57	3·05	2·80	2·85
Greenock	2·90	2·52	3·06	4·13	4·19	3·59	3·10	2·99	3·41	3·55	3·34	3·35
Leith	2·77	2·12	2·38	2·47	2·49	2·52	2·43	2·77	2·51	2·95	2·54	2·67
Perth	2·64	2·62	2·35	2·46	3·28	2·73	2·28	2·10	2·31	2·54	2·53	2·33

TABLE XII.—Deaths of Children under Five Years of Age in each of the Eight Principal Towns of Scotland, during the Year 1870.

Towns.	Number of Living Children under Five Years of Age, in 1870.	Deaths under Five Years of Age.	Per-centage of Deaths to Population under Five Years.	Per-centage to Total Deaths.
Glasgow	63,429	6115	9·6	43·8
Edinburgh	20,841	1577	7·5	33·5
Dundee	13,499	1436	10·6	45·1
Aberdeen	9,424	729	7·7	37·7
Paisley	6,767	507	7·5	37·5
Greenock	7,232	788	10·8	47·1
Leith	5,491	502	9·1	47·4
Perth	3,424	190	5·5	29·6

strates that a high mortality may prevail among the population, yet not be due to any increase of the zymotic diseases; in other words, it shows that a year of high mortality, as was that of 1870, does not necessarily owe its increased death-rate to the epidemic diseases.

The relative epidemic mortality varied considerably in the several towns, depending greatly on which disease was the leading epidemic, and whether its type was a severe or a mild one. Thus, in Edinburgh only 18·57 per cent. of the deaths were caused by the zymotic class of diseases; in Aberdeen, 19·02 per cent.; in Glasgow, 21·03 per. cent.; in Perth, 21·35 per cent.; in Paisley, 21·99 per cent.; in Leith, 23·41 per cent.; in Dundee, 25·58 per cent.; and in Greenock, 27·35 per cent.

It has often been pointed out in these Reports that although the Eight several Towns may agree in this, that all exhibit an increase, or a decrease, from the mortality of the previous year, or mean of years, it is not the same epidemic which takes the lead in all the towns, but may be Fever in one, Scarlatina in another, and Measles or Hooping-cough in a third. It is this fact which has been the means of baffling all our attempts to trace the causes of the origination of the epidemic diseases. In many instances the local cause which aggravates the disease, or which fosters in the people that state of constitution which renders it prone to the attacks of disease has been traced; but all else beyond is at present unknown. One fact, however, regarding the epidemic diseases to which children are liable may be regarded as established, and has often been pointed out in these Reports, viz. that when one of these zymotic diseases of children rages as a virulent epidemic in a town, it to a great extent takes the place of one or more of the other epidemics of children, and throws them into abeyance. The year 1870 presented another marked example of this fact. The great prevalence of Scarlatina in Leith, Aberdeen, Edinburgh, and Dundee, caused Measles almost to disappear from these towns, more especially from the first two; so that during the year only one death from Measles occurred in Leith and Aberdeen, only 17 in Edinburgh, and 26 in Dundee. In illustration of the above remarks we may shortly mention the epidemic diseases which prevailed and took the lead in each town.

In Glasgow by far the most fatal of the epidemics was Fever, in its three forms of Typhus, Enteric, and Relapsing Fever, which caused 851 deaths, or 6·18 per cent. of the mortality. After this came Hooping-cough, 571 deaths, constituting 4·14 per cent. of the mortality; then Scarlatina, 471 deaths, constituting 3·42 per cent. of the mortality; then Diarrhœa, 357 deaths, constituting 2·59 per cent. of the deaths. It is worthy of note that Bronchitis prevailed to a most unusual extent, and caused 2216 deaths, or the high proportion of 16·1 per cent. of the total mortality.

In Edinburgh, again, Scarlatina was the most fatal of the epidemics, causing 173 deaths, or 3·69 per cent. of the mortality, which is rather below its average fatality. Then came Fever, also in its three chief forms, 157 deaths, constituting 3·35 per cent. of the mortality; after that Diarrhœa 125 deaths, constituting 2·66 per cent. of the mortality, which is above its average; then Croup 107, and Diphtheria 102 deaths. This last disease was prevalent in Edinburgh during 1870 to an extent never before witnessed. Hooping-cough, on the other hand, had a very low mortality, only causing 82 deaths, or 1·75 per cent. of the mortality.

In Dundee by far the most fatal of the epidemics was Scarlatina, which cut off 253 persons, and thus constituted the very high proportion of 8·04 per cent. of the deaths. Leith was the only other town which had a pro-

portionally higher mortality from that disease. Diarrhœa was the next most fatal of the epidemic diseases in Dundee, causing 169 deaths, or 5·37 per cent. of the mortality—just about double the usual proportion. Next came Hooping-cough 164 deaths, thus constituting 5·21 per cent. of the deaths, also considerably above the usual proportion; then Fever 101 deaths, constituting 3·21 per cent. of the mortality, which is below its average rate. The mortality from Bronchitis in Dundee, like that of Glasgow, was considerably above its average, and was also higher than that of Phthisis; it cut off 425 persons, and thus constituted 13·5 per cent. of the deaths in that town.

Aberdeen, like Edinburgh and Dundee, had Scarlatina as the most fatal of its epidemics, causing 81 deaths, or 4·24 per cent. of the mortality. Then followed Fever (almost entirely consisting of Typhus, Enteric, and Infantile) 63 deaths, then Hooping-cough 62 deaths, and Diarrhœa 60 deaths, constituting respectively 3·30, 3·25, and 3·14 per cent. of the mortality. Measles was almost in complete abeyance during the whole year, only one death being attributed to it.

In Paisley by far the most fatal of the epidemics was Fever, in its three leading forms Typhus, Enteric, and Relapsing Fever. 82 deaths were attributed to Fever, constituting the high proportion of 6·22 per cent. of the mortality. Contrary to what happened in the four above named large towns, Measles was the second most fatal of the epidemic diseases in Paisley, cutting off 53 persons, and thus constituting 4·02 per cent. of the deaths.

TABLE XIII.—Per-centage of Deaths from different Diseases to the Population in each of the Eight Principal Towns of Scotland during the Year 1870, allowing for the causes not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Leith.	Perth.
TOTAL DEATHS.	2·915	3·053	2·635	3·107	2·549	2·850	3·353	2·674	2·338
I. Zymotic Diseases .	0·627	0·642	0·489	0·795	0·484	0·626	0·917	0·626	0·499
III. Tubercular Diseases	0·553	0·614	0·470	0·542	0·413	0·549	0·597	0·522	0·433
IV. Brain Diseases . .	0·242	0·227	0·257	0·249	0·314	0·233	0·226	0·230	0·205
V. Heart, etc., Diseases	0·135	0·104	0·198	0·147	0·165	0·095	0·122	0·126	0·209
VI. Respiratory Organs .	0·556	0·668	0·439	0·543	0·426	0·432	0·496	0·461	0·290
VII. Digestive Organs .	0·210	0·235	0·175	0·159	0·223	0·246	0·255	0·157	0·128
XII. Debility, Premat. Birth	0·155	0·173	0·117	0·212	0·082	0·142	0·176	0·147	0·073
XV. Old Age . . .	0·131	0·105	0·146	0·146	0·155	0·194	0·176	0·101	0·198
XVII. Violent Deaths .	0·092	0·087	0·091	0·085	0·088	0·095	0·137	0·121	0·077
Small-pox . . .	0·008	0·006	0·001	0·001	0·004	0·010	0·074	0·002	0·000
Measles . . .	0 032	0·027	0·009	0·025	0·001	0·114	0·172	0·002	0 044
SCARLATINA . .	0 125	0·104	0·097	0·249	0·108	0·103	0·095	0·218	0·172
Diphtheria . .	0·027	0·024	0·052	0·008	0·016	0·019	0·024	0·022	0·007
HOOPING-COUGH .	0 104	0·126	0·046	0·161	0·082	0·030	0·118	0·104	0·069
Croup . . .	0 0·8	0·035	0·060	0·015	0·026	0·047	0·031	0·043	0·029
DIARRHŒA . .	0·089	0·079	0·070	0·166	0·080	0·071	0·120	0·114	0·051
Dysentery . .	0·007	0 004	0·006	0·011	0·020	0·010	0 004	0·002	0·000
Cholera . . .	0·005	0·004	0·003	0·008	0·002	0·009	0·012	0·010	0·000
All FEVERS . .	0·145	0·189	0·088	0·099	0·084	0·177	0·215	0·073	0·077
Viz. Typhus . .	0 089	0·121	0·051	0·054	0·043	0·089	0·139	0·035	0·059
Enteric . .	0 033	0·034	0·031	0·034	0·030	0·039	0·052	0·022	0·014
Relapsing .	0·015	0·025	0·003	0·004	0·001	0·028	0 016	0·008	0·000
Continued .	0·002	0·003	0·000	0·002	0·001	0·002	0·002	0·005	0·000
Infantile .	0·006	0·006	0·003	0·005	0·009	0·019	0·006	0·003	0·004
Dropsy . . .	0·034	0·033	0·021	0·060	0 017	0·051	0·045	0·038	0·018
Cancer . . .	0·041	0·029	0·060	0·045	0·053	0·041	0 033	0·045	0·066
PHTHISIS . .	0 383	0·444	0·303	0 403	0·279	0·358	0·417	0·266	0·315
Apoplexy . . .	0 052	0·046	0 063	0·059	0·050	0 056	0·054	0·033	0·062
Paralysis . . .	0·064	0·049	0·076	0·079	0·088	0·110	0·050	0·071	0·062
Convulsions . .	0·053	0·057	0·036	0·067	0·073	0·017	0·048	0·071	0·025
BRONCHITIS . .	0·390	0·491	0·284	0·419	0·320	0·300	0·332	0·289	0·209
Pneumonia . .	0 099	0·117	0·086	0·076	0 062	0 084	0·116	0·122	0·048
Teething . . .	0·060	0·073	0·022	0·065	0·057	0·067	0·089	0 025	0·022

Scarlatina was the third most fatal of the epidemic diseases, causing 48 deaths, or 3·64 per cent. of the mortality; after which followed Diarrhœa 33 deaths, constituting 2·50 per cent. of the mortality. On the other hand, Hooping-cough, which had such a high mortality in most of the other towns, only caused 14 deaths, or 1·06 per cent. of the mortality.

In Greenock, as in Glasgow and Paisley, Fever was by far the most fatal of the epidemics, and also appeared in its three leading forms, Typhus, Enteric, and Relapsing Fever. 104 deaths were attributed to Fever, thus constituting 6·43 per cent. of the mortality. It is worthy of note that Fever, in its three marked forms of Typhus, Enteric, and Relapsing Fever, was the leading and most fatal epidemic in what may be called the three adjoining towns of Glasgow, Paisley, and Greenock. The close intercourse between these towns would, *a priori*, have led one to infer that such would be the case; but it is still more remarkable to notice that the proportional deaths from Fever to the other diseases in these three towns was strikingly alike, being 6·18 per cent. of the deaths in Glasgow; 6·22 per cent. in Paisley; and 6·43 per cent. in Greenock.

In Greenock, as in Paisley, Measles was the second most fatal of the epidemic diseases, 83 persons, or 5·13 per cent. of the deaths, having succumbed to that disease. After that came Diarrhœa and Hooping-cough, respectively causing 58 and 57 deaths, or 3·59 and 3·53 per cent. of the total mortality. Scarlatina only caused 46 deaths, or 2·84 per cent. of the mortality. Small-pox, on the other hand, manifested a strong tendency to

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TABLE XIV.—Per-centage of Deaths from different Diseases to the Total Deaths in each of the Eight Principal Towns of Scotland during the Year 1870, allowing for the causes of Death not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Leith.	Perth.
I. Zymotic Diseases .	21·50	21·03	18·57	25·58	19·02	21·99	27·35	23·41	21·35
III. Tubercular Diseases	18 95	20·16	17·84	17·44	16·09	19·25	17·82	19·52	18·52
IV. Brain. etc , Diseases	8·30	7 45	9·75	8·04	12·31	8·19	6·74	8·62	8 79
V. Heart, etc., Diseases.	4·64	3·41	7·50	4·73	6·50	3·33	3·65	4·74	8·95
VI. Respiratory Organs .	19·07	21·89	16·69	17·47	16·72	15·16	14·79	17·25	12·40
VII. Digestive Organs .	7·23	7·70	6·66	5·11	8·75	8·64	7·61	5·87	5·49
XII. Debility, Premat. Birth	5·32	5 68	4·46	6·83	3·25	5·00	5·26	5·50	3·14
XV. Old Age . . .	4·51	3·46	5·55	4·70	6·08	6·58	5·26	3·79	8·47
XVII. Violent Deaths . .	3·15	2·85	3·48	2·76	3·46	3·33	4·08	4·55	3·29
Small-pox . .	0·26	0·18	0·04	0·03	0·15	0·38	2·22	0·09	0·00
Measles . . .	1·12	0 89	0·36	0·82	0·05	4·02	5·13	0·09	1·72
SCARLATINA .	4·28	3·42	3·69	8·04	4·24	3·64	2·84	8·15	7·38
Diphtheria . .	0 94	0·81	2·18	0·25	0·63	0·68	0·74	0·85	0·31
HOOPING-COUGH.	3·59	4·14	1·75	5·21	3·25	1·06	3·53	3·88	2·98
Croup . . .	1·30	1·17	2·28	0·51	1·05	1·66	0·92	1·61	1·25
DIARRHŒA . .	3·05	2·59	2·66	5·37	3·14	2·50	3·59	4·17	2·20
Dysentery . .	0·23	0·13	0·25	0·38	0·78	0·38	0·12	0·09	0·00
Cholera . . .	0·17	0·13	0·12	0·25	0·10	0·30	0·37	0·37	0·00
All FEVERS . .	5 00	6·18	3·35	3·21	3·30	6·22	6·43	2·74	3 29
Viz. Typhus .	3·06	3·97	1·93	1·75	1·68	3·11	4·15	1·32	2·51
Enteric .	1·14	1·10	1·17	1·11	1·16	1·36	1·54	0·85	0·63
Relapsing .	0·53	0·82	0·12	0·13	0·05	0·99	0·50	0 29	0·00
Continued .	0·07	0·09	0·02	0·06	0·05	0·08	0·06	0·19	0·00
Infantile .	0·20	0·20	0·11	0·16	0·36	0·68	0·18	0·09	0·15
Dropsy . . .	1·17	1·10	0·81	1·94	0·68	1·82	1·36	1·42	0·78
Cancer . . .	1·41	0·95	2·30	1·46	2·10	1·44	0·99	1·70	2·82
PHTHISIS . .	13·10	14·42	11·59	12·99	10·95	12·59	12·44	9·95	13·50
Apoplexy . . .	1·79	1·53	2·39	1·91	1·99	1·97	1·61	1·23	2·67
Paralysis . . .	2·22	1·61	2·88	2·54	3·46	3·86	1·48	2·65	2·67
Convulsions .	1·83	1·89	1·38	2·16	2·88	0·60	1·42	2·65	1·10
BRONCHITIS .	13·71	16·10	10·80	13·50	12·58	10·54	9·90	10·80	8·95
Pneumonia . .	3·42	3·83	3·26	2·44	2·46	2·95	3·46	4·55	2·04
Teething . . .	2·03	2·41	0·85	2·09	2·25	2·35	2·66	0·95	0·94

break out as an epidemic, and caused 36 deaths, or 2·22 per cent. of the mortality; and that it did not extend over the country was due in a great measure to the requirements of the Vaccination Act being rigidly enforced.

In Leith, Scarlatina was by far the most fatal of the epidemics, and caused 86 deaths, thus constituting the very high proportion of 8·15 per cent. of the mortality in the town. This is the second consecutive year when Leith has shown this very high mortality from Scarlatina. Diarrhœa was the second most fatal of the epidemics, causing 44 deaths, or 4·17 per cent. of the mortality. We are led to believe that some of the public wells are supplied with water from Lochend—water full of decaying organic matter; and if this be the case, it would satisfactorily account for the very high mortality from Diarrhœa in Leith. During the last epidemic of Cholera it may be remembered that Leith was the only one of the Principal or Large Towns which was severely handled by that disease, 10·7 per cent. of the whole deaths having been caused by that epidemic in 1866. It is more than likely that the unwholesome loch water supplied to the town had much to do with causing that very high mortality; as everywhere else over Scotland where the disease broke out, the water supply was found to be the chief predisposing cause, and the disease rapidly died out whenever water free from decaying organic matter was substituted.

In Leith, Hooping-cough was the third most fatal of the epidemics, causing 41 deaths, or 3·88 per cent. of the mortality. The mortality from Fever, however, even though it appeared in its three leading forms of Typhus, Enteric, and Relapsing Fever, was low, only 29 deaths being registered, or 2·74 per cent. of the total mortality. Measles again was almost in complete abeyance, only one death therefrom having occurred during the year.

In Perth, Scarlatina was by far the most fatal of the epidemics, having caused 47 deaths, or 7·38 per cent. of the mortality. Fever, limited to Typhus and Enteric, was the next most fatal of the epidemics, causing 21 deaths, or 3·29 per cent. of the mortality. Hooping-cough followed next, causing 19 deaths, or 2·98 per cent. of the mortality; after which came Diarrhœa with 14 deaths, constituting 2·20 per cent. of the mortality. Measles and all other epidemics were below their average.

If we take the Eight Towns collectively it is seen that Fever was the most fatal of the epidemics, causing 1408 deaths, or 5 per cent of the total mortality. After this came Scarlatina, 1205 deaths, constituting 4·28 per cent. of the mortality; Hooping-cough, 1010 deaths, constituting 3·59 per cent. of the mortality; then Diarrhœa, 860 deaths, constituting 3·05 per cent. of the mortality, while the whole of the rest of the epidemic class, excepting Diphtheria, were below their average fatality.

Relative to Fever, as it appeared in the Eight Towns, it is worthy of note that it showed itself in four of its recognised distinct forms, viz. Typhus, Enteric (including Infantile), Relapsing, and Simple Continued Fever. Of these, Typhus caused 862 deaths, Enteric and Infantile 373, Relapsing 148, and Simple Continued Fever 20 deaths. In so far as the imperfect records of the pestilences of Fever which attacked Scotland and Ireland during the last century, chiefly during years of famine, permit the fact to be ascertained, it appears that the above-named forms of Fever have during the past year proved fatal very nearly in the same relative proportions as they did in those devastating pestilences of Fever which attacked this country at more or less distant intervals of years during the last, and, likely, during previous centuries. This is a most important fact; for, while

it conclusively demonstrates that no change of type has occurred in these forms of Fever, nor in the relative proportions in which they proved fatal when they assumed the epidemic form; it also conclusively shows how very much the general sanitary condition of the population has improved, seeing that when these conjoined Fevers attack us now, instead of decimating the population, as they did then, their combined mortality only amounts to 5 per cent. of the total deaths, or the small proportion of 145 deaths in every hundred thousand persons in the population.

Till the present, there has been no great epidemic of Relapsing Fever since that of 1847–48, though not a year has passed without sporadic cases being noticed here and there. During the present epidemic the towns on the western side of the island, Glasgow, Paisley, and Greenock, have suffered more severely from it than any of the towns on the eastern side. During the past century, Relapsing Fever always constituted from a sixth to a fourth of the cases of Fever when pestilences of Fever accompanied a famine. Hence some medical men, not attending to the fact that almost invariably Typhus and Enteric Fever constituted the bulk of the deaths during these pestilences, have attempted to give to Relapsing Fever the title of Famine Fever. Such a name is a complete misnomer. Nowhere in Scotland has the appearance of this form of Fever been traceable to famine, so far as we can learn, or to anything approaching thereto; for the working classes have been in full employment, and wages have been high, whilst food of all kinds has been abundant, good in quality, and moderate in price.

Diphtheria, since it appeared in Scotland in 1857, has always been proportionally much more fatal in the Rural than in the Town Districts. During the past year it proved fatal to 266 persons in the Eight Towns, a number considerably higher than usual.

74 Deaths from Small-pox were registered in the Eight Towns, 36 of these having occurred in Greenock, and 26 in Glasgow. Most of the persons who died from that disease had not been vaccinated. In these towns the disease showed a tendency to assume the epidemic form, but was apparently kept in check by the efficient working of the Vaccination Act. The Act, however, does not provide for the vaccination of adults; and the high proportion of 40 out of 74 deaths occurring among adults shows clearly that the disease is kept up to a great extent by the unvaccinated youths and adults in the general population. During the sixteen years the Registration Act has been in operation in Scotland it has been found that, on the mean of these years, the deaths from Small-pox in Scotland were just the double of those which occurred in the Eight Principal Towns. This would indicate that not exceeding 150 deaths from Small-pox occurred over all Scotland during 1870; and the actual number was probably smaller, seeing that the peculiar circumstances of the low population in Glasgow and Greenock rendered the spread of the disease in these towns greater than usual; and the small number of deaths in the other towns showed that the disease had not apparently spread to them.

In the Eight Towns 890 deaths were attributed to Diseases of Uncertain Seat, of which 396 deaths were ascribed to Cancer, and 329 to Dropsy.

The Tubercular Class of Diseases caused 5332 deaths in the Eight Towns, 3701 of which were attributed to Phthisis, 939 to Hydrocephalus, 454 to Tabes Mesenterica, and 238 to Scrofula. The Tubercular class of diseases thus constituted 18·95 per cent. of the deaths; while Consumption, or Phthisis, constituted 13·10 per cent.

In general, Phthisis is the individual disease which annually cuts off the greater number of persons. But such were the atmospheric peculiarities of the year 1870, that the deaths from Bronchitis exceeded those from Consumption.

If the Eight Towns be compared with each other as to their comparative low mortality from Phthisis, Leith will appear as the most healthy, Glasgow as the most unhealthy, and this whether the deaths from Phthisis be compared with the population, or with the total deaths. Thus, if compared with the population, it appears that, in every ten thousand persons in each town during 1870, Leith lost by Phthisis, 26·6; Aberdeen, 27·9; Edinburgh, 30·3; Perth, 31·5; Paisley, 35·8; Dundee, 40·3; Greenock, 41·7, and Glasgow, 44·4. If compared with the total mortality, it appears that Consumption constituted 9·95 per cent. of the deaths in Leith; 10·95 per cent. in Aberdeen; 11·59 per cent. in Edinburgh; 12·44 per cent. in Greenock; 12·59 per cent. in Paisley; 12·99 per cent. in Dundee; 13·50 per cent. in Perth, and 14·42 per cent. in Glasgow.

Diseases of the Brain caused 2335 deaths in the Eight Towns, or 8·30 per cent. of the mortality. It is worthy of note that the mortality from that class of diseases was very much higher in Aberdeen than in the other towns, whether as compared with the population or with the total deaths.

Diseases of the Heart and Bloodvessels caused 1305 deaths, or 4·61 per cent. of the mortality in the Eight Towns. Both, as compared with the population and with the total deaths, these diseases were proportionally most fatal in Perth.

The Inflammatory Affections of the Respiratory Organs caused 5364 deaths, and thus constituted 19·07 per cent. of the mortality in the Eight Towns. This is high above the average, seeing that a ten years' mean showed that these diseases constituted in general only 15·05 per cent. of the mortality in the Town Districts. Whether as compared with the population or the total deaths, Perth showed the smallest mortality from that class of diseases, and Glasgow the highest. Thus, if compared with the population, it appears that of every ten thousand persons in each town, Perth during the year lost 29·0 persons by these Diseases of the Respiratory Organs; Aberdeen lost 42·6 persons; Paisley, 43·2; Edinburgh, 43·9; Leith, 46·1; Greenock, 49·6; Dundee, 54·3, and Glasgow, 66·8. If compared with the total deaths, it appears that these diseases of the Respiratory Organs constituted 12·40 per cent. of the deaths in Perth; 14·79 per cent. in Greenock; 15·16 per cent. in Paisley; 16·69 per cent. in Edinburgh; 16·72 per cent. in Aberdeen; 17·25 per cent. in Leith; 17·47 per cent. in Dundee, and 21·89 per cent. of the deaths in Glasgow.

Of these Diseases of the Respiratory Organs, 3857 deaths were ascribed to Bronchitis, 961 to Pneumonia, 192 to Asthma, 74 to Pleurisy, 51 to Laryngitis, and 229 to non-specified diseases of the lungs. Bronchitis was therefore the individual disease which was the most fatal in the Eight Towns during 1870. All these affections of the Respiratory Organs, and in especial Bronchitis, are under the direct influence of the weather; and the very fact that the deaths from Bronchitis exceeded those from Consumption, and that the mortality from all has been so high, shows how unusually severe has been the weather during the past year, as shall be pointed out its proper place.

It is interesting to note the difference in the several towns with regard to the mortality of Bronchitis during the past year. For every ten thousand persons in each town, Perth lost by Bronchitis 20·9 persons;

Edinburgh, 28·4; Leith, 28·9; Paisley, 30·0; Aberdeen, 32·0; Greenock, 33·2; Dundee, 41·9, and Glasgow, 49·1. Inasmuch as, year after year, the mortality from Bronchitis in Glasgow is both relatively and actually much higher than in the other towns, it shows that the inhabitants of that town are less able to resist the hurtful meteorological conditions which give rise to that disease than the inhabitants of any other part of Scotland, or, in other words, that their state of health is lower.

Diseases of the Stomach and Organs of Digestion caused 2034 deaths, and thus constituted 7·23 per cent. of the total mortality in the Eight Towns. The comparative mortality from this class of diseases in each of the Eight Towns was very different; and it would be a subject well worthy of being thoroughly investigated, whether the causes of the different death-rates from these diseases depended on differences in the food or differences in the nature of the water used in each town. Thus, for every ten thousand persons in each town, Diseases of the Organs of Digestion caused 12·8 deaths in Perth; 15·7 deaths in Leith; 15·9 in Dundee; 17·5 in Edinburgh; 22·3 in Aberdeen; 23·5 in Glasgow; 24·6 in Paisley; and 25·5 in Greenock.

Of the other classes of disease, Diseases of the Kidneys and Urinary Organs caused 399 deaths in the Eight Towns; Diseases of the Uterus and Childbirth, 224 deaths; Diseases of the Joints and Bones, 177 deaths; Diseases of the Skin, 31 deaths; Malformations, 71 deaths; Debility at Birth and Premature Birth, 1497 deaths; Atrophy, 188 deaths; Age without marked disease, 1270 deaths; Sudden Deaths, whose exact cause was not ascertained, 75 deaths; and Violent Causes, 888 deaths.

Of the 888 deaths from violent causes, 2 were murders, and 53 were suicides. Of the suicides 18 were by hanging, 15 by cut-throat, 5 by drowning, 2 by gunshot, 5 by poisoning with laudanum or other preparations of opium, 1 poisoning by oxalic acid, 1 poisoning by sulphuric acid, 1 by poison not named, 2 by strangulation, 1 by opening the veins of the arms and legs, and 2 of which the mode of suicide was not stated. It thus appears that, during the year 1870, there was one death by suicide for every 538 deaths in the Eight Principal Towns of Scotland; or the small proportion of one suicide out of every 18493 persons of the population of these towns. March, April, and May were the months when the greatest number of suicides occurred.

MARRIAGES IN THE EIGHT TOWNS.

9730 Marriages were registered in the Eight Towns during 1870, being an increase of 569 marriages, or 6·2 per cent. over those of the previous year. This gives the high proportion of 99 marriages in every ten thousand persons of the estimated population, or one marriage to every 100 persons.

The proportion of marriages was lowest in Perth, and highest in Leith. Thus, for every ten thousand persons in each town, there were 65 marriages in Perth, 93 in Dundee and in Aberdeen, 95 in Paisley, 101 in Glasgow, 103 in Edinburgh, 105 in Greenock, and 106 in Leith.

WEATHER AND ITS INFLUENCE ON THE MORTALITY.

There is perhaps no country where the influence of weather on the mortality is more clearly traceable than in Scotland. This influence is not confined to the ordinary diseases, but is as strongly marked on those which are termed Zymotic, or epidemic and contagious. Heat and cold both exert a powerful influence in increasing the mortality of the diseases which afflict our race; but heat exerts its action in this country almost alone on the bowel-complaints, in consequence of the temperature never rising so high as to generate those malarious exhalations which in other countries give rise to intermittent, remittent, and yellow fevers.

Cold, therefore, is the agent which principally regulates the mortality in Scotland; and its deleterious action, in proportion to its intensity, is seen on almost every disease, with the single exception of the bowel-complaints. If, however, the cold sets in with intensity during the months of November or December, it does not in general cause such an increase in the deaths as the same amount of cold would do in the months of January, February, or March. The population seems to have a greater amount of vitality at the beginning of winter, which enables them the better to resist the depressing effects of the cold; but if the same amount of cold occurs later in the winter, as the constitutions of the people seem to be weakened by the continuance of the cold, they are less able to resist its deleterious action, and the mortality greatly increases. The influence of the cold on the mortality is also intensified by the occurrence of high keen winds from the north or east, north-west or north-east.

The influence of these agencies on the death-rate during the several months of the year 1870 may be traced in Table XV., which also affords the opportunity of comparing the monthly mean temperatures and monthly death-rates of 1870, with those of the ten years 1855–1864. It will there be seen that a lower mean temperature by two degrees, during the months of January and February 1870, produced a much higher mortality than during the corresponding months of the ten years 1855–1864. It will also be observed that although December 1870 had a mean temperature five

TABLE XV.—Monthly Mortality and Mean Temperature in Scotland during the year 1870, compared with the Mean of the Ten Years, 1855-1864.

	Year 1870.				1855-1864.	
Months.	Mean Temperature.	Actual Deaths.	Deaths when Months equalized to 31 Days.	Proportion to 12,000 per Annum, or 1000 per Month.	Monthly Proportion.	Mean Temperature.
January	35°9	7757	7757	1232	1134	37°2
February	35·2	6971	7718	1226	1193	37·4
March	39·5	7456	7456	1184	1145	39·8
April	46·9	6399	6612	1050	1083	44·1
May	50·5	6029	6029	957	1010	49·5
June	55·6	5556	5741	912	956	55 6
July	59·6	5337	5337	847	895	57 6
August	58 0	6070	6070	964	856	57·3
September	53·6	5148	5319	844	843	52·8
October	46·3	5100	5100	810	858	47·2
November	39 1	5583	5769	916	954	40 2
December	33·5	6661	6661	1058	1073	38·6
Year	46·1	74,067	75,569	12,000	12,000	46·7

degrees below that of the corresponding month of the ten years 1855–1864, yet the proportional mortality, though high above that of November, was somewhat below the December mean of those ten years. This striking fact is quite explicable. Mere dry cold, if not aggravated by wind, is not nearly so deleterious to the human constitution as the same amount of cold combined with wind. December is, in general, one of our windiest months; but the past December stands out in strong contrast to its predecessors of previous years, that during the period when the frost continued, the small force of the wind was one of its most striking peculiarities; consequently, though the temperature was lower, its influence in increasing the mortality was less than it would otherwise have been had the winds blown with their accustomed strength.

The same Table, however, equally shows the effect of the higher temperature than usual during the months of July and August in increasing the mortality. It will be seen, by looking at the monthly proportional deaths during the ten years 1855–1864, that the number of deaths decreases regularly and progressively in Scotland, from February when they are highest, to September, when they are lowest. During 1870, however, it happened that the heat was greater than usual during the months of July and August—in fact, the mean temperature of these months was about two degrees higher than usual. This greater heat was attended with a great increase of the ordinary bowel-complaints; consequently, instead of the mortality steadily declining through June, July, August, and September, a great excess of deaths, and chiefly from these complaints, occurred

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TABLE XVI.—Meteorology of Scotland for the Year 1870, deduced from observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General for 1870; also, the Number of Births, Deaths, and Marriages registered during each Month of the Year 1870.

1870.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YEAR.
Highest Temp. in shade	55°·0	57°·0	59°·0	80°·0	77°·0	84°·2	89°·0	90°·0	72°·9	71°·8	59°·2	58°·0	90°·0
Lowest Temp. in do.	12°·0	3°·0	13°·0	25°·0	24°·0	32°·0	35°·0	32°·3	27°·5	25°·0	19°·0	0·0	0·0
Mean Day Temp. . .	40°·1	39°·7	45°·6	54°·8	57°·4	63°·0	67°·3	66°·9	61°·4	52°·7	44°·4	38°·4	52°·6
Mean Night Temp. .	31°·8	30°·5	33°·4	39°·2	43°·3	48°·1	51°·8	49°·0	45°·9	39°·9	33°·8	28°·7	39°·6
Daily Range	8°·3	9°·2	12°·2	15°·6	14°·1	14°·9	15°·5	17°·9	15°·5	12°·9	10°·7	9°·7	13 ·0
Mean Temperature .	35°·9	35°·2	39°·5	46°·9	50°·5	55°·6	59°·6	58°·0	53°·6	46°·3	39°·1	33°·5	46°·1
Highest Temperature in sun	85°·0	99°·5	102°·1	119°·0	140°·8	148°·2	145°·3	137°·2	125°·6	119°·1	107°·0	90° 0	148°·2
Lowest on grass at night	5° 0	1°·0	5°·0	18°·0	12° 0	27°·0	31°·0	27°·0	21°·0	19°·0	14°·0	—5°·0	—5°·0
Wet-bulb Temperature	34°·4	33°·5	36°·9	43°·5	47°·4	52°·2	56°·1	54°·5	50°·8	44°·0	37°·1	32°·4	43°·6
Dew-point Temperature	32°·6	31°·5	34°·7	40°·5	44°·6	49°·6	53°·6	51°·8	48°·8	42°·0	35°·3	30°·2	41°·2
Humidity of Air . .	89	88	87	81	82	83	83	82	87	88	89	87	85
Elastic force of Vapour (inches)	·186	·178	·202	·251	·295	·357	·413	·387	·345	·268	·207	·168	·272
Number of Rainy Days	12	15	10	11	13	14	10	9	12	16	12	13	147
Amount of Rain (inch.)	3·08	3·89	1·24	1·58	2·61	1·91	1·88	1·55	3·32	4·63	2·58	3·54	31·81
Amount of Cloud . .	6·7	7·3	6·4	5·8	6·7	6·4	6·3	5·3	5·6	5·9	6·0	6·9	6·3
Hours of Sunshine . .	68	72	132	185	180	205	240	240	182	122	92	59	1777
Mean Barometer (in.)	29·842	29·856	30·052	29·993	29·906	30·031	29·945	30·014	29·937	29·614	29·725	29·937	29·904
Easterly Winds (number of days) . .	8	14	9	3	7	4	7	10	5	9	6	11	93
Westerly Winds (do.)	12	6	12	20	14	19	15	10	15	13	13	10	159
Births	9755	8699	10220	10228	10282	10135	9619	9390	9263	9514	9021	9297	11542
Deaths	7757	6971	7456	6399	6029	5556	5337	6070	5148	5100	5583	6661	7406
Marriages	2951	1363	1317	1272	1151	3331	2385	1537	1379	1644	2308	3150	2378
Daily Births	315	311	330	341	332	338	310	303	309	307	301	300	316
Daily Deaths . . .	250	250	241	213	195	185	173	196	171	164	186	215	203

in August, raising the deaths in that month 733 above those of July; whereas in ordinary seasons they are nearly 200 below the deaths of that month. The effect of the additional heat, therefore, during these months was to add upwards of 900 deaths to the mortality of Scotland in August 1870.

Let us shortly review the character of the weather during each month of the year 1870, and point out its influence on the general mortality.

The month of December 1869 had been much colder than usual, having a mean temperature of 34°·9, being 3°·7 below the average of former years. Dry frost prevailed most of the month, accompanied, however, by cutting northerly, north-easterly, and north-westerly winds, and under the influence of this ungenial weather, sickness prevailed to an extent rarely witnessed in Scotland, affections of the respiratory organs being nearly universal among the population. The deaths over Scotland, consequently, rose to 7432 during the month, being at the high rate of 240 deaths daily.

The year 1870 opened with equally severe weather. During the whole of January and February, frost, with more or less heavy falls of snow occurred, accompanied by keen east, north, north-west, or north-east winds. The cold periods, however, were not continuous, but were occasionally broken in upon by periods of mild weather, when the southerly and south-westerly breezes regained the mastery, and caused the snow to melt with such rapidity that the overflow of the rivers in many places caused much damage. Those sudden changes caused influenza and chest affections to prevail nearly universally; and the high temperature which obtained during the prevalence of the mild weather caused the mean temperature of these two months to give no indication of the low temperature which prevailed for weeks at a time during at least half of the period. The mean temperature of January was 35°·9, that of February 35°·2. Under this low temperature 7757 deaths occurred during January, and 6971 during February, indicating the very high proportion of 250 deaths daily both during January and February.

March was also a stormy month, with alternate periods of frost with

TABLE XVII.—Showing the connection between certain Atmospheric Phenomena, especially Mean Temperature, and the Deaths from certain Diseases and Classes of Disease, in the Eight Principal Towns of Scotland, during each Month of the Year 1870.

1870.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature	36°·5	35°·7	39°·9	48°·0	51°·3	56°·7	60°·2	58°·6	54°·2	46°·9	40°·2	34°·4
Highest Temperature	46°·6	49°·0	56°·5	72°·7	72°·2	80°·5	85°·2	79°·2	71°·0	68°·0	59°·0	56°·0
Lowest Temperature	22°·9	15°·6	22°·0	30°·5	30°·0	40°·7	42°·0	37°·5	33°·5	30°·6	19°·0	3°·0
Rainfall in inches	3·25	4·14	0·92	1·09	2·72	1·63	2·26	1·44	2·62	4·14	1·80	3·22
Easterly Winds (days)	9	6	10	4	8	6	8	12	6	9	5	10
Westerly Winds (days)	15	8	14	20	15	18	17	12	15	14	16	13
Total Deaths	3081	2629	2759	2401	2223	2111	2025	2368	1911	1942	2254	2779
Daily Deaths	99	94	89	80	72	70	65	76	64	63	75	90
Zymotic Diseases	702	480	491	452	376	350	414	647	495	499	526	616
Measles	23	17	4	11	19	13	15	20	3	31	58	101
Scarlatina	200	103	110	91	78	67	56	56	81	127	115	121
Diphtheria	14	16	27	8	9	12	18	34	28	37	36	27
Hooping-Cough	146	115	96	112	91	68	70	77	55	64	50	69
Croup	33	26	35	26	21	12	20	28	38	36	42	49
All Fevers	182	136	150	131	84	89	96	86	72	105	129	148
Diarrhœa	32	20	21	28	32	55	104	288	163	54	36	27
Dysentery	6	4	5	5	6	2	3	12	10	5	4	4
Cholera	1	–	2	1	1	4	6	21	9	2	1	–
Consumption	323	353	345	341	345	343	286	317	214	242	257	335
Diseases Respiratory Organs	785	653	647	455	421	324	232	212	224	281	476	654
Heart, etc., Diseases	129	135	117	109	112	105	88	81	89	96	118	126
Brain, etc., Diseases	218	196	220	209	196	200	173	202	157	173	180	211
Debility and Premat. Birth	153	132	118	146	96	132	126	165	113	85	97	134
Age	157	124	155	89	92	86	93	79	83	83	105	124

snow storms, accompanied by easterly or northerly winds; and mild, rainy weather, accompanied with south-west and westerly winds. The sun's power, however, being greater, the mean temperature was 4 degrees higher, viz. 39°·5, and the monthly deaths fell to 7456, being at the high rate of 241 deaths daily, or nearly the same as in December 1869.

During the months of April, May, and June the weather was exceptionally fine, and under its benign influence the sickness and mortality which had been high above the average during the preceding month rapidly declined. During these three months there was much less than the usual amount of keen northerly and easterly winds, and a much larger proportion of balmy breezes from the west and south-west. During each of these months, therefore, there was less cloud, a larger amount of sunshine, and a higher mean temperature than in former years, as if to make up for the greater severity of the weather, and the lower temperature of the previous months. The mean temperature was 46°·9 in April, 50°·5 in May, and 55°·6 in June; and the daily deaths were 213 in April, 195 in May, and 185 in June — rapidly and continuously decreasing with the improved geniality of the weather.

July and August were excessively fine, genial, or rather warm months, with a temperature above the average. They were also months of extreme drought, the rainfall being much below its mean. The mean temperature of July was 59°·6, that of August 58°·0. Under this high temperature bowel-complaints became very prevalent; but, as they take some time to prove fatal, it was not till August that the deaths from that class of diseases materially augmented the mortality. July, therefore, still showed a lowering of the death-rate as compared with June, seeing that only 173 deaths occurred daily. But the additional deaths from the bowel-complaints raised the daily deaths during August to 196.

The weather during the months of September, October, and November was much as usual, and requires no special comment, and the deaths during

TABLE XVIII.—Deaths, Temperatures, and Fall of Rain, in the Eight Principal Towns of Scotland during each Week of the Year 1870.

No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches	No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches
			Mean.	Highest	Lowest.					Mean.	Highest	Lowest.	
			°	°	°					°	°	°	
1	January 8	792	39·6	46·7	30·7	1·793	27	July 9	475	58·6	74·0	42·0	0·699
2	15	650	35·6	45·0	26·4	0·977	28	16	427	60·1	74·0	47·0	0·759
3	22	690	35·7	46·7	26·0	0·212	29	23	496	62·4	87·0	49·0	0·234
4	29	760	33·8	47·5	22·0	0·010	30	30	499	61·9	86·0	40·0	0 000
5	February 5	654	40·2	48·0	25·0	0·502	31	August 6	474	61·9	79·0	51·0	0·449
6	12	668	35·9	50·5	24·5	0 909	32	13	528	63·1	84·0	48 0	0·003
7	19	687	34·6	44·0	26·0	0·187	33	20	530	58·2	81·0	40·0	0·198
8	26	608	32·6	49·0	15·6	0·959	34	27	520	54·9	70·5	37·5	0·469
9	March 5	667	38·7	51·0	24·0	1·571	35	September 3	522	54·1	71·0	38·0	1·154
10	12	580	39·2	53·0	22·0	0·024	36	10	496	53·6	64·7	39·0	1·400
11	19	622	40·8	56·0	22·0	0·379	37	17	429	52·5	68·0	33·5	0·695
12	26	603	38·9	53·0	25·0	0·348	38	24	427	55·3	70·2	38·5	0·001
13	April 2	649	43·8	57·0	27·0	0·125	39	October 1	397	54·6	69·8	38·5	0·009
14	9	602	44·7	60·2	30·5	0·219	40	8	433	48·3	67·5	34·0	0·150
15	16	522	48·9	68·0	34·0	0·227	41	15	423	44·2	55·9	30·0	1·176
16	23	570	50·8	72·7	34·0	0·342	42	22	470	48·0	59·7	36·0	1·718
17	30	521	48·3	66·5	33·8	0·205	43	29	442	46·7	62·4	33·9	0·852
18	May 7	525	47·3	67·0	30·0	0·074	44	November 5	455	45·4	56·0	32·0	0·169
19	14	500	50·4	66·0	36·0	0·920	45	12	482	37·9	53·0	19·0	0·194
20	21	459	53·5	66·5	42·2	0·795	46	19	563	38·6	45·2	29·0	0·782
21	28	494	53·8	75·0	39·0	0·156	47	26	566	40·3	51·2	29·7	0 775
22	June 4	488	54·8	71·0	42·9	0·857	48	December 3	591	37·8	46·0	25·0	0·023
23	11	538	57·2	80·0	41·2	0·132	49	10	561	37·3	46·0	25·0	0·743
24	18	484	57·1	71·0	43·0	0·452	50	17	625	36·7	53·0	26·2	1·766
25	25	481	57·3	80·5	44·0	0·268	51	24	608	33·9	56·0	5·0	0·752
26	July 2	478	56·1	79·7	44·0	0·617	52	31	709	27·8	36·5	7·5	0 287

these months were not much out of their usual proportions. It may be remarked, however, that inasmuch as a considerable number of persons, in whom bowel-complaints were induced in August, died therefrom in September, the mortality did not fall as usual to its minimum in September, but in October. The mean temperature of September was 53°·6, of October 46°·3, and of November 39°·1; and the daily deaths were 171 in September, 164 in October, and 186 in November—the falling of the temperature in November again showing its marked influence in increasing the deaths.

December presented the peculiarity of having a mean temperature low beyond that of any previously recorded year, viz. 33°·5, or 5°·7 below the average of former years. Yet its baneful influence in increasing the general mortality was not greater than in ordinary Decembers, and apparently for the reason which we have above explained, that during the period when the frost prevailed there was an unusual absence of the ordinary high keen winds from the north and east; for, though these were the prevalent aërial currents during the period when the frost prevailed, instead of being strong or high winds, they were gentle breezes, wanting in that velocity which causes winds to be felt as disagreeable and keen. The daily deaths, therefore, only averaged 215; the average of the daily December deaths during the ten years 1855–1864, allowing for increase of population, would only have been

TABLE XIX.—Monthly Mortality at Four Periods of Life in the Eight Principal Towns of Scotland during 1870, and Proportion at each Age in every hundred Deaths per Month.

Months.	Actual Number of Deaths in 1870.					Proportion at each in every Hundred Deaths per Month.				
	Under 5 years.	5–20.	20–60.	60 and above.	Total Deaths.	Under 5 years.	5–20.	20–60.	60 and above.	Total.
January . .	1327	276	942	536	3081	43·07	8·96	30·57	17·40	100·00
February . .	1097	251	849	432	2629	41·73	9·55	32·29	16·43	100·00
March . .	1050	313	865	531	2759	38·06	11·34	31·35	19·25	100·00
April . . .	931	296	795	379	2401	38 78	12·32	33·11	15·79	100·00
May . . .	872	285	689	387	2233	39·05	12 76	30·86	17·33	100·00
June . . .	829	288	652	342	2111	39·27	13·64	30·89	16·20	100·00
July . . .	856	238	599	332	2025	42·27	11·75	29·58	16·40	100·00
August . .	1187	242	601	338	2368	50·13	10·22	25·38	14·27	100 00
September . .	837	222	518	334	1911	43·80	11·62	27·11	17·47	100 00
October . .	806	218	587	331	1942	41·51	11·22	30 23	17·04	100 00
November . .	912	229	726	387	2254	40·46	10·16	32·21	17·17	100·00
December . .	1140	281	840	518	2779	41 02	10 11	30·23	18·64	100 00
YEAR .	11,844	3,139	8,663	4,847	28,493	41·57	11·02	30·40	17·01	100·00

TABLE XX.—Months equalized to 31 days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in the Eight Principal Towns during every Month of the Year 1870.

Months.	Relative Number of Deaths, 1870.					Monthly Deaths, proportioned to 1000 per Month or 12,000 per Annum.
	Under 5 years	5-20.	20–60.	60 and above.	Total.	
January	1327	276	942	536	3081	1272
February	1214	278	939	477	2908	1201
March	1050	313	865	531	2759	1139
April	962	306	821	392	2481	1024
May	872	285	689	387	2233	922
June	856	298	674	353	2181	901
July	856	238	599	332	2025	836
August	1187	242	601	338	2368	978
September . . .	865	229	535	345	1974	815
October	806	218	587	331	1942	802
November . . .	942	237	750	400	2329	962
December	1140	281	840	518	2779	1148
YEAR .	12,077	3,201	8,842	4,940	29,060	12,000

one more daily, or 6696 deaths during the month, whereas, during December 1870, the deaths only reached 6661.

The Monthly Reports on the diseases causing deaths in the Eight Principal Towns of Scotland, enable us to trace the influence of the weather on each of the diseases which cut off our race. Thus by Table XVII. it is seen that in the Eight Towns the influence of cold on the diseases of the Respiratory Organs was to increase the deaths from 224 in September, to 281 in October, to 476 in November, and to 654 in December, while January, February, and March, the coldest months, furnished respectively from these diseases 785, 653, and 647 deaths. Even the zymotic diseases obeyed the universal law in Scotland, of the mortality of diseases generally being increased by cold. Thus, while only 499 deaths occurred from these diseases in September, 616 occurred in December, and 702 in January. Measles, which had 31 deaths in October, had 101 deaths in December. Fever, which had 72 deaths in September, had 148 deaths in December, and 182 in January. Phthisis or Consumption, whose greatest mortality always occurs in spring, on the setting in of the keen, cold, arid, easterly breezes, strikingly showed the influence of cold on its mortality; for, while 214 only died from that disease in the Eight Towns during September, 335 deaths occurred during December. As usual, however, the highest number of deaths from that disease occurred in spring, when the easterly parching winds reign

TABLE XXI.—Monthly Mortality at Four Periods of Life in the Eight Principal Towns of Scotland during the Ten Years 1856–1865, and the Proportion at each Age in every hundred Deaths per Month.

Months.	Absolute Number of Deaths—Ten Years, 1856–1865.					Proportion at each Age in every Hundred Deaths per Month.				
	Under 5 years.	5-20.	20–60.	60 and above.	Total Deaths.	Under 5 years.	5–20.	20–60.	60 and above.	Total.
January	11066	2305	7003	4337	24711	44·78	9 33	28 34	17·55	100·00
February	10190	2145	6235	3802	22372	45·54	9 59	27·87	17·00	100·00
March	10359	2271	6809	3865	23304	44·45	9 75	29·22	16·58	100 00
April	9609	2131	6095	3625	21460	44·77	9·94	28·40	16·89	100·00
May	9058	2214	5899	3180	20351	44·51	10·88	28·98	15·63	100·00
June	9395	2086	5559	3111	19151	43·84	10·89	29·03	16·24	100·00
July	9052	2121	5287	2886	19346	46 79	10·96	27·33	14·92	100·00
August	8889	1929	4988	2698	18504	48 05	10·42	26·95	14·58	100·00
September	8370	1870	4572	2454	17266	48·48	10 83	26·48	14·21	100·00
October	9078	2120	4936	2679	18813	48·25	11·26	26·24	14·25	100 00
November	10121	2148	5690	3549	21508	47·05	9·99	26·45	16·51	100·00
December	10590	2258	6344	3893	23085	45·87	9·78	27·49	16 86	100·00
TEN YEARS	114,777	25,598	69,417	40,079	249,871	45·93	10·25	27 78	16·04	100 00

TABLE XXII.—Months equalized to 31 days, and Deaths at each age corrected thereto, in order to show the relative Mortality at each Age during every Month of the Ten Years 1856–1865.

Months.	Relative Number of Deaths—Ten Years 1856–1865.					Monthly Deaths, proportioned to 1000 per Month, or 12,000 per Annum.
	Under 5 years.	5-20.	20–60.	60 and above.	Total.	
January	11066	2305	7033	4337	24711	1164
February	11165	2348	6833	4165	24511	1155
March	10359	2271	6809	3865	23304	1098
April	9929	2202	6298	3746	22175	1045
May	9053	2214	5899	3180	20351	959
June	8675	2155	5744	3215	19789	933
July	9052	2121	5287	2886	19346	912
August	8889	1929	4988	2698	18504	872
September	8649	1932	4724	2536	17841	841
October	9078	2120	4936	2679	18813	886
November	10458	2220	5879	3668	22225	1047
December	10590	2258	6344	3893	23085	1088
TEN YEARS	116,968	26,075	70,744	40,868	254,655	12,000

supreme. Consequently the monthly deaths during March, April, May, and June, were singularly alike, being respectively 345, 341, 345, and 343. Age felt the effects of the cold; for, while the deaths from age were 83 in September and October, they rose to 124 in December, and to 157 in January.

This Table strikingly shows the effect of the high temperature during the months of July and August. By an unfortunate arrangement, the bowel-complaints are considered as zymotic diseases, and, consequently, looking at their mortality, we find that while the deaths from these were only 350 in the Eight Towns during June, they were raised to 414 during July, and to 647 during August. When we look down the Table, however, we find that this increase was alone owing to the increased mortality of Diarrhœa, Dysentery, and Cholera during these months, all the ordinary epidemics having a lower mortality during these months than during previous or subsequent months. Thus, the warm weather had the effect of increasing the deaths from Diarrhœa, Dysentery, and Cholera from 39 in May to 61 in June, 113 in July, and 321 in August; and the cold weather setting in thereafter allowed the deaths from these diseases to fall to 182 in September, to 61 in October, to 41 in November, and to 31 in December.

But the deleterious influences of both heat and cold were marked on the deaths in infancy from Debility at Birth and Premature Birth. Thus, the deaths from these causes were only 96 in May, but with the increased heat they rose to 132 in June, to 126 in July, and to 165 in August; and under the influence of cold they increased from 85, to which they had fallen in October, to 97 in November, and to 134 in December.

The same general facts may be traced in Table XVIII., which gives a summary of our Weekly Reports, in so far as the deaths, temperature, and rain-fall are concerned. The influence of cold on the mortality, for instance, is strikingly shown in the progressively increasing deaths from the week ending 26th November, when the mean temperature was 40°·3, and the weekly deaths 566, till the week ending 31st December, when the mean temperature had fallen to 27·8, and the weekly deaths had augmented to 709. The effect of the heat in increasing the deaths was also strikingly shown; for while, during the first two weeks of July, the weekly deaths amounted respectively to 475 and 427, they increased to 528, 530, and 520 during the second, third, and fourth weeks of August, under the influence of a mean temperature ranging from 61°·9 to 63°·1.

As almost nothing is known regarding the influence of season on the mortality at different ages, we have continued the series of Tables begun in last year's Report, bearing on this subject. Tables XIX. and XX., therefore, show the influence of the weather and season on the deaths at four periods of life in the Eight Principal Towns of Scotland during the year 1870; and the facts there brought out may be accepted as an indication of what occurs over the whole of Scotland. Table XIX. gives the actual and the proportional deaths at each age per month. Table XX., on the other hand, affords the means of accurately comparing the deaths at different ages during each month with each other, as it equalizes all the months to 31 days, and brings up the deaths at each age to the 31 days.

By Table XX. it appears that to children under five years of age, January was the most fatal month, after which came February, and then August, and after these followed December and March. Excess of cold and excess of heat are therefore two of the conditions which materially

affect the mortality at that early period of life—the cold by inducing bronchitis and other affections of the Respiratory Organs, which are so fatal to young children; the heat by inducing bowel-complaints, under which they rapidly sink.

Persons from 5 to 20 years of age were cut off during 1870 in highest proportion during those months which prove most fatal to the consumptive. Thus the greatest number of persons at these ages died in the month of March, then in April, June, and May. This fact shows that the conditions of life, as influenced by the seasons, had changed for the persons between 5 and 20 years from what they had been for those under 5 years; as the healthiest months for those between 5 and 20 years of age were October, September, November, August, January and February.

Persons between the ages of 20 and 60 years were cut off in the highest proportions during the coldest months, and only showed a very slightly increased mortality under the heats of August. Thus, for these, the most fatal months were, in order, January, February, March, then December, April, and November. While the healthiest months in order were September, October, July, August, then June and May.

For aged people above 60 years of age, the cold months were by far the most fatal. Thus, for these the most fatal month was January, then, in order, March, December, February, and November. The least fatal months were October and July, after which followed August, September, and June.

SIXTH ANNUAL REPORT

ON THE

VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1869.

THIS is the Sixth Report relative to the Vaccination of children in Scotland, and it shows what proportion of the children, whose births were entered on the registers of 1869, were vaccinated according to the provisions of the Scottish Vaccination Act, 26 and 27 Vict. cap. 108. By the provisions of that Act, a large proportion of the children born in 1869 must be vaccinated during 1870; so that the Report, having reference to the vaccination, must always be one year behind that having reference to the Births, Deaths, and Marriages, along with which it must be published.

From the vaccination returns just received, it appears that of the 113441 children whose births were entered on the Scottish registers during the year 1869, 96265, being 87·504 per cent., were successfully vaccinated; 966, or 0·852 per cent., had their vaccination postponed from bad health, teething, or other causes; 365, or 0·324 per cent., were found to be insusceptible of the vaccine virus—177 from constitutional insusceptibility, 17 from having previously had Small-pox, and 174 from having been previously vaccinated. 10,069 children, being 8·876 per cent., died before they could be vaccinated, and 2773, or 2·444 per cent., had removed from the district before the period allowed by the Act for their vaccination had expired, and so were lost sight of by the Registrars, or were otherwise unaccounted for. (Table XXIV).

The fact, however, at which we wish to arrive is, what proportion of the children who survived till they could be vaccinated, were protected from Small-pox by the vaccine virus. Table XXV. is drawn up with the view

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TABLE XXIII.—Deaths from Small-Pox in Scotland, 1855–1870 inclusive.

YEARS.	Small-pox Deaths.	YEARS.	Small-pox Deaths.
1855	1309	1863	1646
1856	1306	1864	1741
1857	845	1865	383
1858	332	1866	200
1859	682	1867	100
1860	1495	1868	15
1861	766	1869	100*
1862	426	1870	150*

* Estimated from the ascertained Small-pox Deaths in the Eight Principal Towns of Scotland, as compared with the total Small-pox Deaths in all Scotland during the fourteen years 1855–68.

of showing that fact, not only for the year 1869, but for every year since the Act came into operation.

By that Table we learn that, of the children who survived till they could be vaccinated, 96·027 per cent. were successfully vaccinated; 0·935 per cent. had their vaccination postponed; 0·355 were found to be insusceptible of vaccination, from constitutional insusceptibility, from having personally had Small-pox, or from having been previously vaccinated; while 2,683 per cent. were lost sight of by the Registrars, from having removed from the district previous to being vaccinated, or being otherwise not accounted for. It would tend greatly to reduce the proportion of this latter class were the time shortened which the Act at present allows to elapse between the birth of the child, and the enforcement of the vaccination under a penalty. At present the Act allows six months, which brings the child to the teething period, when vaccination does not easily succeed, and requires often to be postponed. The migratory habits of the parents of those who escape vaccination altogether, make them most dangerous to the community, because they are the very class who are most liable to carry Small-pox from town to town. But if the period were shortened to three or even to four months, a very large proportion of this class who now escape vaccination would come under the operation of the Act, be laid hold of by the Registrars, and be forced to have their children vaccinated.

Seven years have now passed since the Vaccination Act became law in Scotland. It may, therefore, be expected that by this time it will have shown whether it has accomplished the object intended by the Legislature, or whether it has miserably failed. As Small-pox is a disease which has periods of increase and periods of decline, we have given in the following Table (XXIII.) the deaths from Small-pox in Scotland during every year since the Registration Act came into operation. By that Table it will be seen that Small-pox attained its maximum mortality during 1855 and 1856, after which it fell to a minimum in 1858. It again increased till it attained a maximum mortality in 1860, and then declined to a minimum in 1862. During 1863 and 1864 it again raged as a virulent epidemic, causing respectively 1646 and 1741 deaths in Scotland, and has every year after that declined, so that it was as near as possible extinct in 1868, seeing that only 15 deaths therefrom occurred. Although it manifested the strongest tendency to break out as an epidemic in 1870, the successful working of the Vaccination Act appears to have almost entirely limited its ravages to those unprotected by vaccination; and although we cannot yet ascertain the exact numbers who fell victims to it during that year, we may with confidence assume that the deaths from Small-pox in 1870 did not exceed 150, and will probably be found to have been little above 100.

How melancholy is it to reflect that in England Small-pox is raging as a fearful epidemic, so that, in the single week ending 25th February 1871, no fewer than 227 deaths from Small-pox occurred in London alone, and 129 in Liverpool. Yet England has a Vaccination Act, which, from some cause or other, neither the people seem to obey, nor the authorities to enforce. The people of England are, therefore, suffering a fearful penalty for not taking advantage to the full of one of the greatest modern discoveries of which the science of medicine can boast. No doubt this to a great extent arises from the ignorance of the people as to the protective power of vaccination, and from imaginary fears as to the risk to life which the child incurs by having vaccine virus introduced into its system

Even among many of the Scottish people much misunderstanding exists relative to the protecting power of vaccination, which it is desirable should be removed, inasmuch as a virulent epidemic of Small-pox seems to be spreading northwards from France and England, and it is desirable that both the people and the authorities should understand distinctly what amount of protection from Small-pox is afforded by vaccination.

The vaccine disease, or, as Jenner first called it, cow-pox, has been proved by the patient and repeated experiments of Mr. Ceely, and others, to be neither more nor less than Small-pox modified in its virulence by having passed through the constitution of the cow. In other words, when the cow takes Small-pox, the disease assumes that mild form which we term cow-pox; and matter taken from the vesicles of the cow, and transferred to the human subject, is found to be so perfectly deprived of its fatal qualities, that it loses both its fatality and its power of being propagated by infection.

Now, Small-pox is a disease which in general only attacks a person

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TABLE XXIV.—VACCINATION in SCOTLAND, 1864–1869, and proportion to the Births each Year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Died before Vaccination.	Removed from District before Vaccination, or otherwise not accounted for.	TOTAL BIRTHS.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination.			
1864	Numbers .	95047	662	667	154	440	9180	2701	108851
1865	Numbers .	99648	719	474	34	207	9366	2622	113070
1866	Numbers .	100408	579	332	30	227	9433	2658	113667
1867	Numbers .	101139	670	233	16	151	9355	2480	114044
1868	Numbers .	102140	914	277	7	230	9440	2506	115514
1869	Numbers .	99265	966	177	17	174	10069	2773	113441
1864	Per-centage	87·313	0·608	0·613	0·142	0·404	8·438	2·481	100·000
1865	Per-centage	88·130	0·636	0·419	0·030	0·183	8·283	2·319	100·000
1866	Per-centage	88·335	0·510	0·292	0·026	0·200	8·299	2·338	100·000
1867	Per-centage	88·684	0·587	0·204	0·014	0·132	8·203	2·176	100·000
1868	Per-centage	88·423	0·791	0·240	0·005	0·199	8·172	2·170	100·000
1869	Per-centage	87·504	0·852	0·156	0·015	0·153	8·876	2·444	100·000

TABLE XXV.—VACCINATIONS in SCOTLAND, 1864–1869, deducting from the Births those who died before they could be Vaccinated, and giving the proportion of the Vaccinated to the surviving Births of each Year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Removed from District before Vaccination, or otherwise not accounted for.	TOTAL LIVING.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination.		
1864	Number .	95047	662	667	154	440	2701	99671
1865	Number .	99648	719	474	34	207	2622	103704
1866	Number .	100408	579	332	30	227	2658	104234
1867	Number .	101139	670	233	16	151	2480	104689
1868	Number .	102140	914	277	7	230	2506	106074
1869	Number .	99265	966	177	17	174	2773	103372
1864	Per-centage	95·361	0·664	0·669	0·155	0·441	2·710	100·000
1865	Per-centage	96·089	0·694	0·457	0·033	0·199	2·528	100·000
1866	Per-centage	96·329	0·556	0·318	0·029	0·217	2·551	100·000
1867	Per-centage	96·609	0·640	0·222	0·015	0·144	2·370	100·000
1868	Per-centage	96·292	0·861	0·261	0·007	0·216	2·363	100·000
1869	Per-centage	96·027	0·935	0·171	0·016	0·168	2·683	100·000

once during the course of his life. To this there are numerous exceptions; for we know many instances where a person has twice taken the natural Small-pox, and one remarkable instance where the person had three several attacks of that disease, at the interval of a few years. As it is, therefore, the general character of Small-pox only to attack a person once in the course of his life, so a person once properly vaccinated with that mild form of Small-pox which we call cow-pox, is found to be as perfectly secured against an attack of natural Small-pox as if he had once had the natural disease. Vaccination does not give *more perfect protection* against an attack of Small-pox than what having once had the Small-pox would give; but it has this immense advantage over the natural disease, that the protection is given without risk to life, without producing deformity of the countenance, without inducing loss of sight, or of hearing, and without the risk of propagating a highly infectious, loathsome, and deadly disease among the people.

Of those who take Small-pox naturally, as it is called, and who have not been protected by vaccination, or by previously having had Small-pox, from one in every four, to one in every seven, die from its virulence; and those who recover therefrom, however much their faces may be seamed with the ghastly scars, are no better protected against a second attack of Small-pox than those who have been subjected to vaccination.

To sum up the argument in one short sentence. Cowpox (*i.e.* the vaccine virus), which is only modified Small-pox, which has all its deleterious properties taken away in consequence of having passed through the constitution of the cow, gives as great protection against a subsequent attack of Small-pox, as if the person had once taken the natural Small-pox, and had recovered from the same.

Let us now look at the other aspect of the case, apparently much misunderstood by the people of England, viz. the danger to life incurred by the child undergoing vaccination, as compared with the danger to life through the person taking the natural Small-pox, or being subjected to inoculation with the Small-pox matter itself.

Since 1864 Scotland has had the benefit of a Vaccination Act, and the last year during which the full particulars of the deaths have been abstracted from the Registers is 1868. During that year there were vaccinated in Scotland, 106181 children, and of that number only two were recorded as having died from the consequence thereof—that is, one death in every 53190 children. Now the constitutions of some children are such that the slightest scratch or abrasion of the skin is followed by inflammation and death. Need it be wondered at, then, that two deaths should occur among 106181 children whose arms had been scratched to insert the vaccine virus? The astonishment is not that there were deaths, but that the deaths were so few. Had these children been all inoculated with Small-pox, and only one had died out of every 30 inoculated, 3539 would have died; besides an equal number of the population among whom the disease would have been spread by infection, and necessary attendance on the sick. Even had the vaccinations been no more perfect in 1868 than they were between 1855 and 1864, the probability is, that at least 500 deaths from Small-pox would have occurred in Scotland; yet only 15 deaths from that disease occurred, and two of these were those above noticed as being attributed to the consequences of vaccination.

In former Reports attention was directed to some amendments in the

working of the Vaccination Act, which would make it press less heavily on the inhabitants of the insular and more inaccessible Highland parishes, and on the desirability of shortening the period within which Vaccination must be performed within all populous districts. To former Reports we must refer for what we stated on these subjects. Meanwhile, is appended a selection of the Remarks of the Registrars as to the working of the Act, from which it will be seen how faithfully the people endeavour to comply with the requirements of the Act, and how well it is generally administered.

I have the honour to be,

SIR,

Your most obedient Servant,

JAMES STARK.

GENERAL REGISTRY OFFICE OF BIRTHS, ETC.,
EDINBURGH, 1*st March* 1871.

BIRTHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1870.

	Population.	BIRTHS.															
	1861	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births.	Males	Fem.	Total Illegit. Biths.
SCOTLAND,	3,062,294	9755	8699	10220	10228	10282	10135	9619	9390	9263	9514	9021	9297	115423	59012	56411	10988
DIVISIONS.																	
1 NORTHERN,	130,422	227	177	240	225	267	302	275	304	285	283	290	287	3162	1569	1593	203
2 NORTH-WESTERN,	167,329	375	330	343	368	298	347	399	382	377	400	364	379	4362	2256	2106	287
3 NORTH-EASTERN,	366,783	1096	967	1105	1208	1182	1087	1121	1101	1096	1111	1017	1125	13216	6730	6486	1974
4 EAST-MIDLAND,	523,822	1566	1328	1550	1534	1501	1627	1538	1394	1377	1462	1366	1456	17699	9118	8581	1791
5 WEST-MIDLAND,	242,507	666	616	734	715	742	674	670	664	600	678	653	647	8059	4084	3975	641
6 SOUTH-WESTERN,	1,008,253	3953	3628	4191	4150	4231	4097	3675	3710	3694	3671	3576	3596	46172	23585	22587	3804
7 SOUTH-EASTERN,	408,962	1312	1164	1476	1463	1502	1421	1369	1307	1324	1421	1266	1283	16308	8442	7866	1424
8 SOUTHERN,	214,216	560	489	581	565	559	580	572	528	510	488	489	524	6445	3228	3217	864
I. NORTHERN.																	
1 Shetland,	31,670	44	31	57	46	57	66	64	86	74	87	80	62	754	386	368	23
2 Orkney,	32,395	50	50	74	45	62	69	70	63	61	77	68	77	766	361	405	36
3 Caithness,	42,200	87	59	71	92	110	116	96	105	109	83	108	110	1146	574	572	112
4 Sutherland,	24,157	46	37	38	42	38	51	45	50	41	36	34	38	496	248	248	32
II. NORTH-WESTERN.																	
5 Ross and Cromarty,	82,427	194	159	172	172	120	167	197	183	194	183	193	194	2128	1113	1015	111
6 Inverness,	84,902	181	171	171	196	178	180	202	199	183	217	171	185	2234	1143	1091	176
III. NORTH-EASTERN.																	
7 Nairn,	8,347	18	15	19	24	23	13	23	20	14	23	22	22	236	110	126	18
8 Elgin (or Moray),	44,218	123	96	112	127	128	123	122	113	113	131	119	124	1431	744	687	212
9 Banff,	56,020	155	145	162	187	149	170	166	145	149	150	149	159	1886	950	936	339
10 Aberdeen,	223,474	714	614	720	772	797	707	692	723	716	698	630	724	8507	4347	4160	1245
11 Kincardine,	34,724	86	97	92	98	85	74	118	100	104	109	97	96	1156	579	577	160
IV. EAST-MIDLAND.																	
12 Forfar,	206,750	714	569	740	694	704	767	713	671	641	655	671	678	8217	4197	4020	905
13 Perth,	133,198	336	284	319	324	292	345	311	276	281	283	272	274	3597	1865	1732	409
14 Fife,	155,021	440	400	405	455	422	439	434	378	389	440	360	432	4994	2572	2422	393
15 Kinross,	8,731	20	20	19	8	16	21	19	13	21	20	12	16	205	106	99	22
16 Clackmannan,	20,122	56	55	67	53	67	55	61	56	45	64	51	56	686	378	308	62
V. WEST-MIDLAND.																	
17 Stirling,	88,138	303	238	307	288	316	272	279	281	245	300	283	298	3410	1697	1713	289
18 Dumbarton,	54,179	151	163	232	198	188	199	192	190	157	167	161	164	2162	1121	1041	142
19 Argyll,	83,859	173	180	159	196	194	165	167	168	166	180	178	153	2079	1071	1008	182
20 Bute,	16,331	39	35	36	33	44	38	32	25	32	31	31	32	408	195	213	28
VI. SOUTH-WESTERN.																	
21 Renfrew,	168,746	663	565	645	633	640	662	565	621	591	576	602	557	7320	3769	3551	476
22 Ayr,	199,063	639	610	741	660	676	655	565	555	569	577	536	558	7341	3761	3580	652
23 Lanark,	640,444	2651	2453	2805	2857	2915	2780	2545	2534	2534	2518	2438	2481	31511	16055	15456	2676
VII. SOUTH-EASTERN.																	
24 Linlithgow,	39,045	154	146	169	158	170	137	139	118	133	143	137	134	1738	880	858	139
25 Edinburgh,	274,093	925	771	1019	1038	1043	1005	919	930	929	962	911	921	11373	5848	5525	966
26 Haddington,	37,626	76	89	116	118	100	103	116	95	96	124	90	86	1209	655	554	129
27 Berwick,	36,488	85	87	90	75	101	91	120	96	103	110	72	87	1117	601	516	103
28 Peebles,	11,300	28	35	35	25	43	45	32	31	32	45	26	24	401	217	184	36
29 Selkirk,	10,410	44	36	47	49	45	40	43	37	31	37	30	31	470	241	229	51
VIII. SOUTHERN.																	
30 Roxburgh,	53,722	136	130	146	136	156	173	151	129	142	138	124	157	1718	859	859	172
31 Dumfries,	75,904	199	175	200	215	195	206	208	207	155	190	184	177	2311	1159	1152	320
32 Kirkcudbright,	42,745	122	100	129	102	127	106	116	96	110	88	91	101	1288	636	652	199
33 Wigtown,	41,845	103	84	106	112	81	95	97	96	103	72	90	89	1128	574	554	173

DEATHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1870.

		Population.	DEATHS.														
		1861	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths.	Males	Fem.
	SCOTLAND, -	3,062,294	7757	6971	7456	6399	6029	5556	5337	6070	5148	5100	5583	6661	74067	36870	37197
	DIVISIONS.																
1	NORTHERN, . . .	130,422	188	160	212	159	178	149	126	128	110	126	126	171	1833	863	970
2	NORTH-WESTERN, . .	167,329	279	230	286	256	215	218	205	211	187	191	211	220	2709	1325	1384
3	NORTH-EASTERN, . .	366,783	628	603	668	576	566	520	472	543	453	463	491	660	6643	3243	3400
4	EAST-MIDLAND, . .	523,822	1306	1185	1246	1108	942	899	901	899	858	837	899	1069	12149	5993	6156
5	WEST-MIDLAND, . .	242,507	565	456	577	458	426	410	374	439	340	361	392	432	5230	2665	2565
6	SOUTH-WESTERN, . .	1,008,253	3315	2976	3121	2684	2557	2235	2240	2668	2133	2092	2352	2881	31254	15749	15505
7	SOUTH-EASTERN, . .	408,962	1070	983	926	785	811	786	738	825	794	751	841	911	10221	5189	5032
8	SOUTHERN, . . .	214,216	406	378	420	373	334	339	281	357	273	279	271	317	4028	1843	2185
	I. NORTHERN.																
1	Shetland, . . .	31,670	47	38	49	36	39	39	22	28	26	30	32	38	424	184	240
2	Orkney, ...	32,395	42	48	67	53	44	38	35	32	23	24	32	49	487	247	240
3	Caithness, . . .	42,200	61	38	62	49	61	44	47	49	42	48	43	55	599	287	312
4	Sutherland, . . .	24,157	38	36	34	21	34	28	22	19	19	24	19	29	323	145	178
	II. NORTH-WESTERN.																
5	Ross and Cromarty, . .	82,427	119	103	143	123	114	97	96	96	76	109	99	108	1283	633	650
6	Inverness, . . .	84,902	160	127	143	133	101	121	109	115	111	82	112	112	1426	692	734
	III. NORTH-EASTERN.																
7	Nairn, ...	8,347	16	12	15	16	13	14	15	12	11	6	8	16	154	71	83
8	Elgin (or Moray), . .	44,218	67	67	79	66	59	38	43	61	51	44	49	73	697	352	345
9	Banff, ...	56,020	86	102	100	93	77	66	55	76	59	73	69	94	950	470	480
10	Aberdeen, . . .	223,474	409	367	405	365	379	363	302	350	311	304	321	429	4305	2094	2211
11	Kincardine, . . .	34,724	50	55	69	36	38	39	57	44	21	36	44	48	537	256	281
	IV. EAST-MIDLAND.																
12	Forfar, ...	206,750	633	583	621	544	414	420	439	447	408	397	389	499	5794	2825	2969
13	Perth, ...	133,198	299	266	267	241	239	218	205	187	198	189	225	228	2762	1385	1377
14	Fife, ...	155,021	307	279	303	280	240	221	221	221	209	200	224	285	2990	1506	1484
15	Kinross, ...	8,731	18	21	9	10	10	5	5	5	11	6	8	15	123	50	73
16	Clackmannan, . . .	20,122	49	36	46	33	39	35	31	39	32	45	53	42	480	227	253
	V. WEST-MIDLAND.																
17	Stirling, ...	88,138	256	185	217	153	156	171	132	149	141	147	159	176	2042	1038	1004
18	Dumbarton, . . .	54,179	118	117	135	127	126	101	89	121	75	102	115	109	1335	660	675
19	Argyll, ...	83,859	156	126	183	140	115	107	123	127	98	91	101	116	1483	784	699
20	Bute, ...	16,331	35	28	42	38	29	31	30	42	26	21	17	31	370	183	187
	VI. SOUTH-WESTERN.																
21	Renfrew, ...	168,746	536	478	516	436	368	320	351	473	345	340	382	498	5043	2561	2482
22	Ayr, ...	199,063	483	479	463	401	449	350	355	405	336	316	343	381	4761	2425	2336
23	Lanark, ...	640,444	2296	2019	2142	1847	1740	1565	1534	1790	1452	1436	1627	2002	21450	10763	10687
	VII. SOUTH-EASTERN.																
24	Linlithgow, . . .	39,045	91	94	100	80	76	68	62	88	77	88	70	92	986	541	445
25	Edinburgh, . . .	274,093	812	688	661	566	602	586	541	622	575	547	638	694	7532	3756	3776
26	Haddington, . . .	37,626	73	89	60	54	49	53	44	56	68	40	61	42	689	355	334
27	Berwick, ...	36,488	61	73	65	41	51	34	45	35	43	39	45	54	586	298	288
28	Peebles, ...	11,300	13	19	19	14	12	24	26	10	12	22	11	14	196	105	91
29	Selkirk, ...	10,410	20	20	21	30	21	21	20	14	19	15	16	15	232	134	98
	VIII. SOUTHERN.																
30	Roxburgh, . . .	53,722	99	97	98	95	91	94	71	83	69	65	69	83	1014	450	564
31	Dumfries, . . .	75,904	174	135	143	126	128	132	112	148	96	107	102	110	1513	700	813
32	Kirkcudbright, . . .	42,745	69	80	93	75	65	63	58	74	64	50	57	59	807	369	438
33	Wigtown, . . .	41,845	64	66	86	77	50	50	40	52	44	57	43	65	694	324	370

MARRIAGES

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1870.

	Population.		MARRIAGES.											
	1851	1861	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Total.
SCOTLAND, -	2,888,742	3,062,294	2951	1363	1317	1272	1151	3331	2385	1537	1379	1644	2308	3150	23788
DIVISIONS.															
1 NORTHERN,	127,035	130,422	60	58	46	37	37	34	26	29	33	29	64	122	575
2 NORTH-WESTERN,	175,735	167,329	109	74	78	35	28	78	38	31	31	44	62	141	749
3 NORTH-EASTERN,	348,366	366,783	226	113	98	107	150	400	238	130	102	211	209	433	2417
4 EAST-MIDLAND,	515,966	523,822	531	179	196	160	184	550	299	218	202	223	400	527	3669
5 WEST-MIDLAND,	241,447	242,507	175	106	78	80	62	214	152	98	88	88	145	221	1507
6 SOUTH-WESTERN,	881,092	1,008,253	1327	571	564	573	414	1301	1185	694	622	706	993	1020	9970
7 SOUTH-EASTERN,	383,217	408,962	424	188	172	192	214	564	354	275	232	257	327	515	3714
8 SOUTHERN,	215,884	214,216	99	74	85	88	62	190	93	62	69	86	108	171	1187
I. NORTHERN.															
1 Shetland,	31,078	31,670	21	13	9	6	3	1	7	11	9	5	20	41	146
2 Orkney,	31,455	32,395	16	17	17	13	15	14	8	8	11	8	20	30	177
3 Caithness,	39,782	42,200	15	12	9	10	13	13	8	7	12	11	13	33	156
4 Sutherland,	24,720	24,157	8	16	11	8	6	6	3	3	1	5	11	18	96
II. NORTH-WESTERN.															
5 Ross and Cromarty,	83,781	82,427	52	34	30	15	9	32	16	10	17	22	36	71	344
6 Inverness,	91,954	84,902	57	40	48	20	19	46	22	21	14	22	26	70	405
III. NORTH-EASTERN.															
7 Nairn,	8,076	8,347	0	0	0	0	4	3	4	3	2	6	6	11	39
8 Elgin (or Moray),	40,532	44,218	13	7	6	16	12	31	24	8	11	14	10	48	200
9 Banff,	51,353	56,020	30	19	17	21	19	50	38	13	9	45	24	72	357
10 Aberdeen,	213,591	223,474	172	75	68	63	106	278	154	96	70	125	153	256	1616
11 Kincardine,	34,814	34,724	11	12	7	7	9	38	18	10	10	21	16	46	205
IV. EAST-MIDLAND.															
12 Forfar,	193,627	206,750	277	97	84	64	100	301	157	103	104	108	130	222	1747
13 Perth,	137,369	133,198	89	33	42	31	42	96	52	51	31	34	85	139	725
14 Fife,	153,789	155,021	139	44	64	59	38	124	70	53	55	67	161	133	1007
15 Kinross,	9,626	8,731	4	1	2	1	0	6	6	1	5	4	5	6	41
16 Clackmannan,	21,555	20,122	22	4	4	5	4	23	14	10	7	10	19	27	149
V. WEST-MIDLAND.															
17 Stirling,	83,802	88,138	78	39	40	40	24	114	72	48	33	41	72	109	710
18 Dumbarton,	46,995	54,179	57	23	12	13	20	44	45	22	23	17	32	48	356
19 Argyll,	94,042	83,859	27	35	23	19	16	49	28	22	23	25	30	55	352
20 Bute,	16,608	16,331	13	9	3	8	2	7	7	6	9	5	11	9	89
VI. SOUTH-WESTERN.															
21 Renfrew,	157,950	168,746	232	91	79	89	69	195	159	162	100	107	172	150	1605
22 Ayr,	189,973	199,063	201	84	107	89	68	204	123	119	90	93	142	249	1569
23 Lanark,	533,169	640,444	894	396	378	395	277	902	903	413	432	506	679	621	6796
VII. SOUTH-EASTERN.															
24 Linlithgow,	30,590	39,045	44	10	11	18	9	35	21	24	16	18	21	36	263
25 Edinburgh,	259,493	274,093	326	148	129	137	157	426	281	217	184	196	256	378	2835
26 Haddington,	36,363	37,626	19	9	13	10	25	52	17	14	12	13	31	31	246
27 Berwick,	36,165	36,488	18	13	15	18	15	29	17	13	7	13	6	30	192
28 Peebles,	10,804	11,300	9	3	2	3	7	11	11	4	5	7	3	17	82
29 Selkirk,	9,802	10,410	8	5	4	6	1	11	7	3	8	10	10	23	96
VIII. SOUTHERN.															
30 Roxburgh,	51,225	53,722	28	27	29	21	16	52	27	15	15	21	20	48	319
31 Dumfries,	78,149	75,904	43	24	33	29	24	68	41	28	27	28	44	70	459
32 Kirkcudbright,	43,371	42,745	13	10	9	15	12	37	17	13	16	18	28	35	223
33 Wigtown,	43,139	41,845	15	13	14	23	10	33	8	6	11	19	16	18	186

VACCINATIONS IN SCOTLAND—1869.

		Sucessfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1869.
				On the ground of Constitutional Insusceptibility.	In respect of the children having already had Small-pox.	On the ground of previous Successful Vaccination.			
	SCOTLAND, -	99265	966	177	17	174	10069	2773	113441
	DIVISIONS.								
1	NORTHERN, . .	2680	149	2	0	5	186	124	3146
2	NORTH-WESTERN, .	3404	286	31	0	2	384	146	4253
3	NORTH-EASTERN, .	11784	62	26	0	1	879	60	12812
4	EAST-MIDLAND, . .	16218	111	26	0	34	1500	295	18184
5	WEST-MIDLAND, .	7073	55	8	0	14	685	249	8084
6	SOUTH-WESTERN, .	38480	143	43	17	109	4338	1409	44539
7	SOUTH-EASTERN, .	13943	91	23	0	3	1559	399	16018
8	SOUTHERN, . .	5683	69	18	0	6	538	91	6405
	I. NORTHERN.								
1	Shetland, . . .	599	55	0	0	0	34	67	755
2	Orkney, . . .	719	13	2	0	0	31	11	776
3	Caithness, . . .	939	72	0	0	5	94	25	1135
4	Sutherland, . . .	423	9	0	0	0	27	21	480
	II. NORTH-WESTERN.								
5	Ross and Cromarty, .	1687	179	25	0	2	170	65	2128
6	Inverness, . . .	1717	107	6	0	0	214	81	2125
	III. NORTH-EASTERN.								
7	Nairn, . . .	199	1	0	0	0	41	5	246
8	Elgin or Moray, . .	1135	20	0	0	0	114	14	1283
9	Banff, . . .	1705	12	9	0	0	109	5	1840
10	Aberdeen, . . .	7705	25	16	0	1	556	34	8337
11	Kincardine, . . .	1040	4	1	0	0	59	2	1106
	IV. EAST-MIDLAND.								
12	Forfar, . . .	7273	35	17	0	34	835	151	8345
13	Perth, . . .	3277	26	4	0	0	240	64	3611
14	Fife, ...	4781	48	5	0	0	345	71	5250
15	Kinross, . . .	209	0	0	0	0	10	0	219
16	Clackmannan, . .	678	2	0	0	0	70	9	759
	V. WEST-MIDLAND.								
17	Stirling, . . .	3011	8	3	0	5	298	66	3391
18	Dumbarton, . .	1885	8	2	0	9	187	75	2166
19	Argyll, . . .	1851	28	3	0	0	162	93	2137
20	Bute, . . .	326	11	0	0	0	38	15	390
	VI. SOUTH-WESTERN.								
21	Renfrew, . . .	6119	35	11	14	21	756	220	7176
22	Ayr, ...	6619	39	12	1	4	566	107	7348
23	Lanark, . . .	25742	69	20	2	84	3016	1082	30015
	VII. SOUTH-EASTERN.								
24	Linlithgow, . . .	1528	11	3	0	0	164	41	1747
25	Edinburgh, . . .	9560	58	17	0	3	1153	316	11107
26	Haddington, . .	1072	12	1	0	0	94	25	1204
27	Berwick, . . .	1018	2	2	0	0	69	11	1102
28	Peebles, . . .	339	6	0	0	0	31	5	381
29	Selkirk, . . .	426	2	0	0	0	48	1	477
	VIII. SOUTHERN.								
30	Roxburgh, . . .	1524	14	5	0	0	154	7	1704
31	Dumfries, . . .	2005	26	7	0	4	180	34	2256
32	Kirkcudbright, . .	1130	17	3	0	2	107	35	1294
33	Wigtown, . .	1024	12	3	0	0	97	15	1151

Total DEATHS from all Causes at Four Periods of Life in the Eight Principal Towns of Scotland.—Year 1870.

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
All Causes	11844	3139	8663	4847	28493
Specified Causes	11636	3092	8563	4837	28128
Diseases:—					
I. Zymotic Class	3586	987	1134	341	6048
II. Dropsy, Cancer, and others of uncertain seat	72	66	451	301	890
III. Tubercular Class	1599	1096	2527	110	5332
IV. Of Brain, etc.	766	213	614	742	2335
V. Of Heart, etc.	20	85	718	482	1305
VI. Of Resp. Organs	2522	263	1522	1057	5364
VII. Of Digest. Organs	1143	96	527	268	2034
VIII. Of Kidneys, etc.	26	34	224	115	399
IX. Of Uterus, etc.	2	4	209	9	224
X. Of Joints, Bones, etc.	13	72	64	28	177
XI. Of Skin, etc.	16	3	10	2	31
XII. Malformations	71	–	–	–	71
XIII. Debility from Premature Birth	1497	–	–	–	1497
XIV. Atrophy	71	24	93	–	188
XV. Age	–	–	1	1269	1270
XVI. Sudden	15	8	38	14	75
XVII. Violence, Privation, etc.	217	141	431	99	888
I. Small-pox	32	16	26	–	74
Measles	281	31	3	–	315
Scarlatina	746	426	32	1	1205
Diphtheria	187	67	11	1	266
Hooping-Cough	963	46	1	–	1010
Croup	334	32	–	–	366
Thrush	11	–	–	–	11
Diarrhœa	643	18	88	111	860
Dysentery	18	1	25	22	66
Cholera	21	4	16	7	48
Influenza	6	3	14	22	45
Purpura; Scurvy	1	2	2	1	6
Ague	–	1	1	1	3
Worms	1	2	–	–	3
Typhus Fever	62	142	582	76	862
Enteric Fever	68	125	97	30	320
Relapsing Fever	27	31	66	24	148
Simple Cont. Fever	7	2	7	4	20
Infant. Rem. Fever	45	13	–	–	58
Metria	–	5	83	–	88
Rheumatic Fever	–	8	17	4	29
Erysipelas	53	5	38	34	130
Pyæmia	3	4	7	2	16
Syphilis	73	2	14	1	90
Noma	4	1	3	–	8
Hydrophobia	–	–	1	–	1
II. Hæmorrhage	8	6	19	5	38
Dropsy	24	42	163	100	329
Abscess	17	11	15	6	49
Ulcer	6	–	11	9	26
Fistula	–	1	3	1	5
Mortification	11	1	6	26	44
Cancer	6	5	234	151	396
Gout	–	–	–	3	3
III. Scrofula	102	87	43	6	238
Tabes Mesenterica	358	77	17	2	454
Phthisis	324	814	2461	102	3701
Hydrocephalus	815	118	6	–	939

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
IV. Cephalitis	100	45	28	5	178
Apoplexy	77	29	185	212	503
Paralysis	11	6	202	404	623
Delirium Tremens	–	–	14	2	16
Chorea	1	1	–	–	2
Epilepsy	4	10	30	15	59
Tetanus	5	2	2	3	12
Insanity	1	–	9	8	18
Convulsions	492	20	3	–	515
Dis. of Brain, etc.	75	100	141	93	409
V. Pericarditis	–	6	15	4	25
Aneurism	–	–	26	5	31
Dis. of Heart, etc.	20	79	677	473	1249
VI. Laryngitis	27	2	17	5	51
Bronchitis	2010	141	890	816	3857
Pleurisy	11	7	40	16	74
Pneumonia	426	84	352	99	961
Asthma	2	1	104	85	192
Dis. of Lungs, etc.	46	28	119	36	229
VII. Teething	571	–	–	–	571
Quinsey	24	1	5	–	30
Gastritis	22	4	23	1	50
Enteritis	249	26	45	26	346
Peritonitis	7	12	38	13	70
Ascites	1	1	11	4	17
Ulcer. of Intest.	5	3	25	13	46
Hernia	4	–	19	20	43
Ileus	27	9	35	27	98
Intussusception	4	–	2	–	6
Strict. of Intest.	–	–	6	–	6
Dis. of Stomach	166	25	88	53	332
Dis. of Pancreas	–	–	–	–	–
Hepatitis	5	1	30	9	45
Jaundice	32	3	24	16	75
Dis. of Liver	25	10	164	86	285
Dis. of Spleen	1	1	12	–	14
VIII. Nephritis	10	7	16	8	41
Nephria	3	8	81	23	115
Addison's Disease	–	–	1	–	1
Ischuria	1	1	6	9	17
Diabetes	2	3	24	7	36
Stone	1	4	4	7	16
Cystitis	1	2	5	11	19
Strict. of Urethra	–	–	3	2	5
Dis. of Kidneys	8	9	84	48	149
IX. Paramenia	–	–	11	2	13
Ovarian Dropsy	–	1	15	5	21
Childbirth	–	3	159	–	162
Dis. of Uterus	2	–	24	2	28
X. Arthritis	–	6	4	1	11
Rheumatism	2	10	30	18	60
Dis. of Joints, etc.	11	56	30	9	106
XI. Carbuncle	1	–	6	–	7
Phlegmon	–	2	3	1	6
Dis. of Skin	15	1	1	1	18
XVII. Intemperance	–	1	47	3	51
Privation of Food	–	–	2	–	2
Wt. Breast-milk	69	–	–	–	69
Neglect	–	–	–	–	–
Cold	–	–	–	1	1
Poison	3	1	15	3	22
Poisoned Wounds	–	–	–	–	–
Burns and Scalds	43	28	18	9	98
Hanging, etc.	–	–	17	3	20
Suffocation	52	4	10	4	70
Drowning	10	30	74	10	124
Fractures & Contus.	28	67	205	58	358
Gunshot Wounds	–	3	3	1	7
Cuts and Stabs	1	2	17	3	23
Other Vio. Causes	11	5	23	4	43
Not specified	208	47	100	10	365

DEATHS from all Causes at Four Periods of Life Year 1870.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0-5	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60,etc.	Total.
ALL CAUSES	6115	1623	4375	1839	13952	1577	442	1559	1128	4706	1436	350	920	477	3183	729	207	476	517	1929
SPECIFIED CAUSES	6033	1592	4300	1836	13761	1567	438	1553	1127	4685	1413	344	916	474	3147	716	206	471	515	1908
DISEASES :—																				
I. Zymotic Class	1670	453	641	131	2895	480	167	150	73	870	540	135	97	33	805	216	59	52	36	363
II. Dropsy, Cancer, and others of uncertain seat	27	29	195	101	352	12	7	86	78	183	11	11	73	32	127	7	2	21	38	68
III. Tubercular Class	832	622	1263	57	2774	255	132	436	13	836	135	93	303	18	549	81	73	144	9	307
IV. Of Brain, etc.	387	111	275	253	1026	113	26	132	186	457	87	21	66	79	253	78	26	45	86	235
V. Of Heart, etc.	6	27	296	141	470	4	23	183	142	352	3	12	85	49	149	4	10	46	64	124
VI. Of Resp. Organs	1456	171	899	487	3013	308	17	225	232	782	292	32	142	84	550	148	11	70	90	319
VII. Of Digest. Organs	678	52	234	96	1060	114	12	116	70	312	88	8	53	12	161	76	8	35	48	167
VIII. Of Kidneys, etc.	13	13	99	28	153	4	11	62	45	122	5	1	11	8	25	1	2	19	15	37
IX. Of Uterus, etc.	1	3	105	1	110	-	-	45	2	47	-	1	22	1	24	-	-	13	1	14
X. Of Joints, Bones, etc.	4	36	26	13	79	4	18	19	4	45	-	9	5	3	17	1	4	3	3	11
XI. Of Skin, etc.	2	1	6	-	9	1	-	2	1	4	2	-	-	-	2	6	-	1	1	8
XII. Malformations	35	-	-	-	35	14	-	-	-	14	7	-	-	-	7	5	-	-	-	5
XIII. Debility from Premature Birth	782	-	-	-	782	209	-	-	-	209	215	-	-	-	215	62	-	-	-	62
XIV. Atrophy	33	10	44	-	87	10	4	12	-	26	6	3	12	-	21	3	1	1	-	5
XV. Age	-	-	-	477	477	-	-	-	260	260	-	-	-	148	148	-	-	-	116	116
XVI. Sudden	7	4	25	10	46	-	1	2	-	3	3	1	3	-	7	-	-	1	-	1
XVII. Violence, Privation, etc	100	60	192	41	393	39	20	83	21	163	19	17	44	7	87	28	10	20	8	66
I. Small-pox	12	4	10	-	26	2	-	-	-	2	1	-	-	-	1	1	-	2	-	3
Measles	102	19	2	-	123	16	1	-	-	17	24	2	-	-	26	1	-	-	-	1
Scarlatina	298	162	11	-	471	92	72	9	-	173	159	90	4	-	253	54	25	2	-	81
Diphtheria	81	29	2	-	112	67	27	7	1	102	7	1	-	-	8	11	1	-	-	12
Hooping-Cough	543	28	-	-	571	78	4	-	-	82	159	4	1	-	164	60	2	-	-	62
Croup	150	11	-	-	161	96	11	-	-	107	15	1	-	-	16	15	5	-	-	20
Thrush	3	-	-	-	3	-	-	-	-	-	1	-	-	-	1	6	-	-	-	6
Diarrhœa	277	5	40	35	357	79	7	17	22	125	134	2	18	15	169	40	-	3	17	60
Dysentery	7	-	6	6	19	3	-	4	5	12	3	-	7	2	12	4	1	4	6	15
Cholera	6	2	8	2	18	3	-	3	-	6	5	1	-	2	8	-	1	1	-	2
Influenza	-	1	6	9	16	3	-	1	8	12	1	-	4	1	6	-	2	3	3	8
Purpura; Scurvy	1	1	1	-	3	-	-	1	-	1	-	1	-	-	1	-	-	-	-	-
Ague	-	-	-	1	1	-	-	1	-	1	-	-	-	-	-	-	1	-	-	1
Worms	1	2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus Fever	43	90	379	35	547	5	20	49	16	90	3	11	37	4	55	1	6	22	3	32
Enteric Fever	43	61	41	7	152	7	16	22	10	55	3	18	10	4	35	3	9	6	4	22
Relapsing Fever	24	20	52	17	113	1	1	3	1	6	-	3	1	-	4	-	1	-	-	1
Simple Cont. Fever	3	1	5	3	12	-	1	-	-	1	2	-	-	-	2	-	-	-	1	1
Infant. Rem. Fever	20	7	-	-	27	3	2	-	-	5	5	-	-	-	5	6	1	-	-	7
Metria	-	2	45	-	47	-	1	12	-	13	-	-	3	-	3	-	1	3	-	4
Rheumatic Fever	-	1	3	2	6	-	3	6	1	10	-	1	3	1	5	-	1	3	-	4
Erysipelas	24	4	19	14	61	10	-	9	8	27	7	-	5	3	15	5	1	2	2	10
Pyæmia	2	2	4	-	8	-	1	1	1	3	-	-	1	-	1	-	-	-	-	-
Syphilis	28	1	7	-	36	14	-	3	-	17	11	-	2	1	14	9	1	-	-	10
Noma	2	-	-	-	2	1	-	2	-	3	-	-	-	-	-	-	-	1	-	1
Hydrophobia	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
II. Hæmorrhage	5	3	11	1	20	-	1	3	2	6	1	-	4	-	5	2	1	-	1	4
Dropsy	7	18	82	44	151	3	3	16	16	38	6	7	33	15	61	2	1	3	7	13
Abscess	8	5	6	4	23	3	2	4	2	11	2	2	3	-	7	1	-	2	-	3
Ulcer	2	-	2	3	7	-	-	2	3	5	2	-	1	-	3	-	-	2	-	2
Fistula	-	-	3	-	3	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
Mortification	3	-	3	10	16	5	1	2	5	13	-	-	1	3	4	-	-	-	6	6
Cancer	2	3	88	38	131	1	-	59	48	108	-	1	31	14	46	2	-	14	24	40
Gout	-	-	-	1	1	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
III. Scrofula	47	44	19	-	110	22	15	10	1	48	9	4	3	-	16	5	8	8	1	22
Tabes Mesenterica	183	46	8	1	238	61	11	5	1	78	31	6	1	-	38	18	4	-	-	22
Phthisis	215	480	1234	56	1985	23	87	419	11	540	19	73	299	18	409	17	48	136	8	209
Hydrocephalus	387	52	2	-	441	149	19	2	-	170	76	10	-	-	86	41	13	-	-	54

Year 1870.

CAUSES OF DEATH.	PAISLEY.					GREENOCK.					LEITH.					PERTH.					Grand Total.
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	
All Causes . . .	507	143	383	319	1352	788	192	468	224	1672	502	106	280	170	1058	190	76	202	173	641	28493
Specified Causes . .	476	142	382	319	1319	745	189	459	223	1616	499	106	280	170	1055	187	75	202	173	637	28128
Diseases:—																					
I. Zymotic Class .	166	37	60	27	290	279	53	90	20	442	160	55	25	7	247	75	28	19	14	136	6048
II. Dropsy, Cancer, and others of uncertain seat .	6	8	22	19	55	4	7	20	12	43	2	1	21	13	37	3	1	13	8	25	890
III. Tubercular Class	78	62	108	6	254	93	60	131	4	288	98	27	81	–	206	27	27	61	3	118	5332
IV. Of Brain, etc. .	21	8	25	54	108	36	14	32	27	109	35	5	24	27	91	9	2	15	30	56	2335
V. Of Heart, etc. .	–	1	28	15	44	1	5	30	23	59	2	3	26	19	50	–	4	24	29	57	1305
VI. Of Resp. Organs .	53	7	65	75	200	140	21	48	30	239	93	2	50	37	182	32	2	23	22	79	5364
VII. Of Digest. Organs	67	5	27	15	114	78	6	32	7	123	30	3	16	13	62	12	2	14	7	35	2034
VIII. Of Kidneys, etc. .	1	3	8	5	17	–	2	15	7	24	1	2	6	5	14	1	–	4	2	7	399
IX. Of Uterus, etc. .	–	–	8	1	9	–	–	12	1	13	1	–	2	1	4	–	–	2	1	3	224
X. Of Joints, Bones, etc.	2	3	3	–	8	2	2	3	2	9	–	–	1	2	3	–	–	4	1	5	177
XI. Of Skin, etc. . .	1	–	1	–	2	2	2	–	–	4	2	–	–	–	2	–	–	–	–	–	31
XII. Malformations .	3	–	–	–	3	2	–	–	–	2	3	–	–	–	3	2	–	–	–	2	71
XIII. Debility from Premature Birth .	66	–	–	–	66	85	–	–	–	85	58	–	–	–	58	20	–	–	–	20	1497
XIV. Atrophy . .	4	1	4	–	9	10	1	4	–	15	3	1	4	–	8	2	3	12	–	17	188
XV. Age . . .	–	–	–	90	90	–	–	–	85	85	–	–	1	39	40	–	–	–	54	54	1270
XVI. Sudden . .	2	–	1	3	6	2	2	5	1	10	–	–	–	–	–	1	–	1	–	2	75
XVII. Violence, Privation, etc. .	6	7	22	9	44	11	14	37	4	66	11	7	23	7	48	3	6	10	2	21	888
I. Small-pox . .	1	2	2	–	5	15	9	12	–	36	–	1	–	–	1	–	–	–	–	–	74
Measles . .	50	2	1	–	53	76	7	–	–	83	1	–	–	–	1	11	–	–	–	11	315
Scarlatina . .	34	13	1	–	48	33	11	2	–	46	50	34	2	–	86	26	19	1	1	47	1205
Diphtheria . .	7	1	1	–	9	9	3	–	–	12	4	5	–	–	9	1	–	1	–	2	266
Hooping-Cough .	14	–	–	–	14	56	1	–	–	57	37	4	–	–	41	16	3	–	–	19	1010
Croup . . .	20	2	–	–	22	15	–	–	–	15	15	2	–	–	17	8	–	–	–	8	366
Thrush . . .	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	11
Diarrhœa . .	21	–	4	8	33	48	1	3	6	58	39	–	2	3	44	5	3	1	5	14	860
Dysentery . .	1	–	3	1	5	–	–	–	2	2	–	–	1	–	1	–	–	–	–	–	66
Cholera . .	–	–	3	1	4	4	–	1	1	6	3	–	–	1	4	–	–	–	–	–	48
Influenza . .	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	1	–	–	1	2	45
Purpura; Scurvy	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	6
Ague . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Worms . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Typhus Fever .	–	6	28	7	41	6	6	49	6	67	3	2	7	2	14	1	1	11	3	16	862
Enteric Fever .	4	4	7	3	18	6	11	6	2	25	2	5	2	–	9	–	1	3	–	4	320
Relapsing Fever .	2	3	4	4	13	–	3	4	1	8	–	–	2	1	3	–	–	–	–	–	148
Simple Cont. Fever	–	–	1	–	1	1	–	–	–	1	1	–	1	–	2	–	–	–	–	–	20
Infant. Rem. Fever	6	3	–	–	9	3	–	–	–	3	1	–	–	–	1	1	–	–	–	1	58
Metria . . .	–	–	2	–	2	–	–	11	–	11	–	1	6	–	7	–	–	1	–	1	88
Rheumatic Fever .	–	1	–	–	1	–	–	1	–	1	–	–	–	–	–	–	1	1	–	2	29
Erysipelas . .	1	–	1	3	5	3	–	–	1	4	1	–	2	–	3	2	–	–	3	5	130
Pyæmia . . .	–	–	1	–	1	1	–	–	–	1	–	1	–	–	1	–	–	–	1	1	16
Syphilis . .	4	–	1	–	5	2	–	1	–	3	2	–	–	–	2	3	–	–	–	3	90
Noma . . .	1	–	–	–	1	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	8
Hydrophobia .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
II. Hæmorrhage .	–	–	1	–	1	–	1	–	1	2	–	–	–	–	–	–	–	–	–	–	38
Dropsy . . .	2	6	11	5	24	2	6	8	6	22	1	1	8	5	15	1	–	2	2	5	329
Abscess . .	2	2	–	–	4	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	49
Ulcer . . .	1	–	–	2	3	–	–	2	–	2	1	–	2	1	4	–	–	–	–	–	26
Fistula . . .	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
Mortification .	1	–	–	2	3	1	–	–	–	1	–	–	–	–	–	1	–	–	–	1	44
Cancer . . .	–	–	10	9	19	1	–	10	5	16	–	–	11	7	18	–	1	11	6	18	396
Gout . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
III. Scrofula . .	3	10	1	2	16	13	5	2	1	21	2	1	–	–	3	1	–	–	1	2	238
Tabes Mesenterica	24	4	–	–	28	7	3	2	–	12	24	2	–	–	26	10	1	1	–	12	454
Phthisis . .	14	42	106	4	166	28	44	126	3	201	5	19	81	–	105	3	21	60	2	86	3701
Hydrocephalus .	37	6	1	–	44	45	8	1	–	54	67	5	–	–	72	13	5	–	–	18	939

DEATHS from all Causes at Four Periods of Life
Year 1870.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
IV. Cephalitis	56	23	14	–	93	14	5	6	3	28	9	4	3	–	16	10	5	–	1	16
Apoplexy	36	16	80	79	211	19	3	37	53	112	7	8	22	23	60	2	1	14	21	38
Paralysis	3	2	84	133	222	3	–	41	91	135	1	2	26	51	80	4	1	16	45	66
Delirium Tremens	–	–	7	1	8	–	–	4	–	4	–	–	1	–	1	–	–	–	–	–
Chorea	1	1	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Epilepsy	–	7	6	3	16	2	–	10	6	18	1	–	4	2	7	1	1	4	–	6
Tetanus	1	–	2	1	4	1	–	–	–	1	1	–	–	–	1	–	–	–	–	–
Insanity	–	–	1	–	1	–	–	3	3	6	–	–	1	–	1	–	–	1	3	4
Convulsions	247	11	3	–	261	62	3	–	–	65	65	3	–	–	68	54	1	–	–	55
Dis. of Brain, etc.	43	51	78	36	208	12	15	31	30	88	3	4	9	3	19	7	17	10	16	50
V. Pericarditis	–	1	5	–	6	–	2	7	3	12	–	–	2	1	3	–	3	–	–	3
Aneurism	–	–	8	–	8	–	–	11	4	15	–	–	–	–	–	–	–	3	–	3
Dis. of Heart, etc.	6	26	283	141	456	4	21	165	135	325	3	12	83	48	146	4	7	43	64	118
VI. Laryngitis	12	1	8	2	23	6	1	5	1	13	2	–	–	–	2	4	–	1	1	6
Bronchitis	1157	95	578	386	2216	219	6	108	173	506	265	21	80	59	425	124	7	34	75	240
Pleurisy	2	4	7	5	18	2	–	12	7	21	1	–	4	2	7	1	–	5	1	7
Pneumonia	255	51	190	32	528	70	4	53	26	153	24	10	29	14	77	17	3	21	6	47
Asthma	1	1	46	42	90	–	–	16	15	31	–	–	24	8	32	–	–	4	5	9
Dis. of Lungs, etc.	29	19	70	20	138	11	6	31	10	58	–	1	5	1	7	2	1	5	2	10
VII. Teething	332	–	–	–	332	40	–	–	–	40	66	–	–	–	66	43	–	–	–	43
Quinsey	14	1	4	–	19	3	–	1	–	4	–	–	–	–	–	3	–	–	–	3
Gastritis	15	–	8	–	23	1	1	3	1	6	1	2	4	–	7	1	–	3	–	4
Enteritis	153	16	21	16	206	28	2	7	4	41	9	2	4	1	16	4	2	2	2	10
Peritonitis	–	3	10	4	17	4	4	10	3	21	2	2	6	–	10	–	–	2	1	3
Ascites	1	1	9	1	12	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–
Ulcer. of Intest.	3	–	5	1	9	1	1	9	3	14	–	–	2	–	2	–	1	2	5	8
Hernia	4	–	8	4	16	–	–	5	3	8	–	–	2	1	3	–	–	–	5	5
Ileus	14	6	12	5	37	3	1	7	3	14	1	–	5	5	11	5	1	4	11	21
Intussusception	1	–	2	–	3	3	–	–	–	3	–	–	–	–	–	–	–	–	–	–
Strict. of Intest.	–	–	1	–	1	–	–	3	–	3	–	–	1	–	1	–	–	1	–	1
Dis. of Stomach	110	17	39	18	184	19	1	24	19	63	4	2	7	2	15	12	2	8	10	32
Dis. of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hepatitis	5	1	14	1	21	–	–	5	2	7	–	–	4	1	5	–	–	3	2	5
Jaundice	11	2	12	6	31	6	–	4	6	16	3	–	2	1	6	7	–	2	1	10
Dis. of Liver	15	5	84	40	144	5	2	35	25	67	2	–	13	1	16	1	1	7	11	20
Dis. of Spleen	–	–	5	–	5	1	–	2	–	3	–	–	3	–	3	–	1	1	–	2
VIII. Nephritis	5	4	8	3	26	1	1	5	2	9	3	–	2	–	5	–	–	–	2	2
Nephria	–	1	31	6	38	2	4	30	11	47	–	–	3	2	5	–	–	7	–	7
Addison's Disease	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Ischuria	–	–	4	1	5	–	1	2	4	7	1	–	–	–	1	–	–	–	1	1
Diabetes	2	1	11	3	17	–	–	4	1	5	–	1	2	2	5	–	–	3	–	3
Stone	1	2	1	–	4	–	1	2	3	6	–	–	–	–	–	–	–	1	2	3
Cystitis	1	–	3	3	7	–	1	2	3	6	–	–	–	2	2	–	1	–	–	1
Strict. of Urethra	–	–	–	–	–	–	–	2	2	4	–	–	–	–	–	–	–	–	–	–
Dis. of Kidneys	4	5	41	12	62	1	3	15	19	38	1	–	4	2	7	1	1	7	10	19
IX. Paramenia	–	–	6	–	6	–	–	2	–	2	–	–	–	–	–	–	–	1	–	1
Ovarian Dropsy	–	–	5	1	6	–	–	5	1	6	–	1	–	1	2	–	–	3	1	4
Childbirth	–	3	86	–	89	–	–	27	–	27	–	–	22	–	22	–	–	7	–	7
Dis. of Uterus	1	–	8	–	9	–	–	11	1	12	–	–	–	–	–	–	–	2	–	2
X. Arthritis	–	4	1	1	6	–	1	2	–	3	–	–	–	–	–	–	1	–	–	1
Rheumatism	1	2	15	10	28	–	2	7	2	11	–	3	–	2	5	1	–	2	1	4
Dis. of Joints, etc.	3	30	10	2	45	4	15	10	2	31	–	6	5	1	12	–	3	1	2	6
XI. Carbuncle	–	–	4	–	4	–	–	1	–	1	–	–	–	–	–	1	–	1	–	2
Phlegmon	–	1	2	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Disease of Skin	2	–	–	–	2	1	–	1	1	3	2	–	–	–	2	5	–	–	–	5
XVII. Intemperance	–	–	23	2	25	–	1	16	1	18	–	–	3	–	3	–	–	2	–	2
Privation of Food	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wt. Breast-milk	38	–	–	–	38	13	–	–	–	13	3	–	–	–	3	5	–	–	–	5
Neglect	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cold	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Poison	1	1	7	1	10	1	–	6	2	9	1	–	1	–	2	–	–	–	–	–
Poisoned Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Burns and Scalds	17	9	9	4	39	8	4	2	3	17	3	4	2	–	9	4	–	–	1	5
Hanging, etc.	–	–	3	1	4	–	–	4	–	4	–	–	2	–	2	–	–	–	–	–
Suffocation	23	2	4	2	31	8	2	1	–	11	6	–	–	–	6	15	–	2	–	17
Drowning	3	12	48	5	68	–	1	3	1	5	3	5	4	1	13	2	2	2	–	6
Fractures	16	34	89	25	164	4	9	36	12	61	3	8	26	5	42	1	5	13	5	24
Gunshot Wounds	–	–	–	–	–	–	1	2	–	3	–	–	–	–	–	–	1	–	–	1
Cuts and Stabs	–	–	2	–	2	1	1	6	1	9	–	–	2	–	2	–	1	1	1	3
Other Vio. Causes	2	2	6	1	11	4	1	7	1	13	–	–	4	1	5	1	1	–	1	3
Not specified	82	31	75	3	191	10	4	6	1	21	23	6	4	3	36	13	1	5	2	21

Year 1870.

CAUSES OF DEATH.	PAISLEY.					GREENOCK.					LEITH.					PERTH.					Grand Total.
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	2 0–60	60,etc.	Total.	
IV. Cephalitis	1	2	–	–	3	7	5	3	–	15	3	–	2	–	5	–	1	–	1	2	178
Apoplexy	10	1	7	8	26	3	–	12	11	26	–	–	6	7	13	–	–	7	10	17	503
Paralysis	–	–	13	38	51	–	–	9	15	24	–	1	10	17	28	–	–	3	14	17	623
Delirium Tremens	–	–	1	1	2	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	16
Chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Epilepsy	–	1	2	1	4	–	–	2	–	2	–	1	2	2	5	–	–	–	1	1	59
Tetanus	–	1	–	1	2	1	–	–	–	1	1	1	–	1	3	–	–	–	–	–	12
Insanity	1	–	–	1	2	–	–	2	–	2	–	–	–	–	–	–	–	1	1	2	18
Convulsions	8	–	–	–	8	22	1	–	–	23	27	1	–	–	28	7	–	–	–	7	515
Dis. of Brain, etc.	1	3	2	4	10	3	8	3	1	15	4	1	4	–	9	2	1	4	3	10	409
V. Pericarditis	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	25
Aneurism	–	–	–	–	–	–	–	1	–	1	–	–	2	–	2	–	–	1	1	2	31
Dis. of Heart, etc.	–	1	28	15	44	1	5	29	23	58	2	3	23	19	47	–	4	23	28	55	1249
VI. Laryngitis	2	–	–	–	2	–	–	–	–	–	–	–	–	1	1	1	–	3	–	4	51
Bronchitis	43	2	36	58	139	106	9	20	25	160	67	1	23	23	114	29	–	11	17	57	3857
Pleurisy	–	–	5	–	5	2	2	3	–	7	2	1	4	1	8	1	–	–	–	1	74
Pneumonia	8	5	20	6	39	28	9	15	4	56	23	–	18	7	48	1	2	6	4	13	961
Asthma	–	–	2	9	11	1	–	6	1	8	–	–	3	4	7	–	–	3	1	4	192
Dis. of Lungs, etc.	–	–	2	2	4	3	1	4	–	8	1	–	2	1	4	–	–	–	–	–	229
VII. Teething	31	–	–	–	31	43	–	–	–	43	10	–	–	–	10	6	–	–	–	6	571
Quinsey	–	–	–	–	–	3	–	–	–	3	–	–	–	–	–	1	–	–	–	1	30
Gastritis	–	1	2	–	3	3	–	1	–	4	1	–	1	–	2	–	–	1	–	1	50
Enteritis	28	1	4	3	36	14	2	5	–	21	11	1	2	–	14	2	–	–	–	2	346
Peritonitis	–	–	3	1	4	1	3	6	1	11	–	–	1	3	4	–	–	–	–	–	70
Ascites	–	–	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17
Ulcer. of Intest.	–	–	–	2	2	1	–	–	–	1	–	1	4	2	7	–	–	3	–	3	46
Hernia	–	–	–	–	–	–	–	2	3	5	–	–	–	–	–	–	–	2	4	6	43
Ileus	–	–	2	–	2	2	–	2	1	5	2	–	–	2	4	–	1	3	–	4	98
Intussusception	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
Strict. of Intest.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
Dis. of Stomach	7	2	4	–	13	8	1	1	–	10	4	–	3	3	10	2	–	2	1	5	332
Dis. of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hepatitis	–	–	4	3	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	45
Jaundice	–	–	–	2	2	2	–	4	–	6	2	–	–	–	2	1	1	–	–	2	75
Dis. of Liver	1	1	7	2	11	1	–	11	2	14	–	1	5	3	9	–	–	2	2	4	285
Dis. of Spleen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	14
VIII. Nephritis	–	1	1	–	2	–	–	–	–	–	1	1	–	1	3	–	–	–	–	–	41
Nephria	1	2	4	2	9	–	1	3	2	6	–	–	2	–	2	–	–	1	–	1	115
Addison's Disease	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Ischuria	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	17
Diabetes	–	–	–	–	–	–	–	2	–	2	–	1	2	1	4	–	–	–	–	–	36
Stone	–	–	–	–	–	–	1	–	1	2	–	–	–	–	–	–	–	–	1	1	16
Cystitis	–	–	–	1	1	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	19
Strict. of Urethra	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	5
Dis. of Kidneys	–	–	3	–	3	–	–	9	2	11	–	–	2	3	5	1	–	3	–	4	149
IX. Paramenia	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	1	1	2	13
Ovarian Dropsy	–	–	1	1	2	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	21
Childbirth	–	–	7	–	7	–	–	9	–	9	–	–	1	–	1	–	–	–	–	–	162
Dis. of Uterus	–	–	–	–	–	–	–	1	–	1	1	–	1	1	3	–	–	1	–	1	28
X. Arthritis	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
Rheumatism	–	2	1	–	3	–	1	2	1	4	–	–	1	1	2	–	–	2	1	3	60
Dis. of Joints, etc.	2	1	1	–	4	2	1	1	1	5	–	–	–	1	1	–	–	2	–	2	106
XI. Carbuncle	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
Phlegmon	–	–	1	–	1	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	6
Disease of Skin	1	–	–	–	1	2	1	–	–	3	2	–	–	–	2	–	–	–	–	–	18
XVII. Intemperance	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–	–	51
Privation of Food	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	2
Wt. Breast-milk	1	–	–	–	1	5	–	–	–	5	4	–	–	–	4	–	–	–	–	–	69
Neglect	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cold	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Poison	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	22
Poisoned Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Burns and Scalds	2	1	2	–	5	4	9	1	1	15	5	1	2	–	8	–	–	–	–	–	98
Hanging, etc.	–	–	3	2	5	–	–	2	–	2	–	–	1	–	1	–	–	2	–	2	20
Suffocation	–	–	2	–	2	–	–	–	–	–	–	–	–	2	2	–	–	1	–	1	70
Drowning	1	3	1	3	8	–	–	9	–	9	–	2	6	–	8	1	5	1	–	7	124
Fractures	1	3	8	3	15	–	4	17	3	24	2	4	10	3	19	1	–	6	2	9	358
Gunshot Wounds	–	–	–	–	–	–	–	1	–	1	–	–	–	1	1	–	1	–	–	1	7
Cuts and Stabs	–	–	3	–	3	–	–	2	–	2	–	–	1	1	2	–	–	–	–	–	23
Other Vio. Causes	1	–	3	–	4	2	1	1	–	4	–	–	2	–	2	1	–	–	–	1	43
Not specified	31	1	1	–	33	43	3	9	1	56	3	–	–	–	3	3	1	–	–	4	365

	MALE BIRTHS.												Total Male Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	816	731	907	907	935	867	775	819	779	805	796	759	9896
Edinburgh,	259	243	308	321	314	338	288	283	283	249	261	279	3426
Dundee,	203	166	197	170	208	214	202	198	171	170	176	160	2235
Aberdeen,	153	109	146	144	151	135	125	149	140	151	114	128	1645
Paisley,	84	56	93	84	94	70	55	78	76	83	51	73	897
Greenock,	118	106	106	112	105	125	102	99	108	92	103	91	1267
Leith,	73	65	87	79	89	76	75	73	87	88	79	75	946
Perth,	47	33	37	28	38	36	37	32	36	40	24	28	416
Total, 1870,	1753	1509	1881	1845	1934	1861	1659	1731	1680	1678	1604	1593	20728
Total, 1869,	1640	1486	1819	1787	1685	1756	1749	1601	1566	1661	1749	1706	20205
Total, 1868,	1702	1553	1794	1814	1796	1902	1728	1616	1588	1665	1513	1595	20266
Total, 1867,	1667	1494	1689	1866	1832	1691	1699	1578	1544	1698	1662	1619	20039
Total, 1866,	1692	1553	1737	1691	1796	1705	1696	1558	1522	1679	1533	1588	19750
Total, 1865,	1711	1544	1727	1682	1830	1790	1548	1550	1533	1614	1505	1524	19558
Total, 1864,	1611	1515	1614	1753	1678	1654	1475	1568	1460	1544	1491	1599	18962

	FEMALE BIRTHS.												Total Female Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	812	721	878	835	847	833	833	751	768	731	744	710	9463
Edinburgh,	288	196	280	304	288	295	269	275	276	287	270	278	3306
Dundee,	187	149	198	187	209	166	186	177	161	153	169	177	2119
Aberdeen,	130	111	145	125	146	143	108	138	137	136	111	134	1564
Paisley,	77	58	66	70	78	74	53	73	68	66	71	65	819
Greenock,	103	99	95	106	100	109	98	111	93	89	104	109	1216
Leith,	74	71	77	76	71	69	64	71	62	78	73	82	868
Perth,	32	31	26	43	35	41	32	28	24	37	38	31	398
Total, 1870,	1703	1436	1765	1746	1774	1730	1643	1624	1589	1577	1580	1586	19753
Total, 1869,	1651	1508	1755	1765	1612	1642	1638	1563	1478	1534	1513	1651	19310
Total, 1868,	1645	1450	1674	1692	1701	1834	1655	1527	1457	1544	1489	1579	19247
Total, 1867,	1636	1499	1554	1714	1707	1583	1704	1468	1466	1667	1488	1487	18973
Total, 1866,	1618	1475	1635	1638	1746	1641	1495	1484	1378	1630	1477	1585	18802
Total, 1865,	1628	1516	1596	1588	1712	1668	1542	1485	1399	1507	1416	1460	18517
Total, 1864,	1496	1478	1540	1644	1659	1610	1407	1499	1386	1415	1436	1540	18110

	BIRTHS—BOTH SEXES.												Total Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	1628	1452	1785	1742	1782	1700	1608	1570	1547	1536	1540	1469	19359
Edinburgh,	547	439	588	625	602	633	557	558	559	536	531	557	6732
Dundee,	390	315	395	357	417	380	388	375	332	323	345	337	4354
Aberdeen,	283	220	291	269	297	278	233	287	277	287	225	262	3209
Paisley,	161	114	159	154	172	144	108	151	144	149	122	138	1716
Greenock,	221	205	201	218	205	234	200	210	201	181	207	200	2483
Leith,	147	136	164	155	160	145	139	144	149	166	152	157	1814
Perth,	79	64	63	71	73	77	69	60	60	77	62	59	814
Total, 1870,	3456	2945	3646	3591	3708	3591	3302	3355	3269	3255	3184	3179	40481
Total, 1869,	3291	2994	3574	3552	3297	3398	3387	3164	3044	3195	3262	3357	39515
Total, 1868,	3347	3003	3468	3506	3497	3736	3383	3143	3045	3209	3002	3174	39513
Total, 1867,	3303	2993	3243	3580	3539	3274	3403	3046	3010	3365	3150	3106	39012
Total, 1866,	3310	3028	3372	3329	3542	3346	3191	3042	2900	3309	3010	3173	38552
Total, 1865,	3339	3060	3323	3270	3542	3458	3090	3035	2932	3121	2921	2984	38075
Total, 1864,	3107	2993	3154	3397	3337	3264	2882	3067	2846	2959	2927	3139	37072

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, ...	167	138	171	175	195	147	158	147	151	129	137	138	1853
Edinburgh, . . .	56	49	54	55	48	58	45	54	51	43	46	47	606
Dundee, ...	49	40	38	34	39	36	55	55	37	28	43	30	484
Aberdeen, . . .	26	17	31	30	39	36	34	47	38	34	37	27	396
Paisley, ...	13	8	10	12	12	16	13	20	13	10	3	14	144
Greenock, . . .	5	12	15	11	18	11	10	10	5	8	8	9	122
Leith, ...	11	7	6	10	9	10	10	13	4	9	11	12	112
Perth, ...	15	7	4	7	4	8	5	10	6	5	7	6	84
Total, 1870, . . .	342	278	329	334	364	322	330	356	305	266	292	283	3801
Total, 1869, . . .	354	304	368	346	298	342	327	287	296	278	324	324	3848
Total, 1868, . . .	355	300	360	288	334	353	326	313	306	310	303	286	3834
Total, 1867, . . .	308	316	337	344	317	293	378	307	303	338	304	299	3844
Total, 1866, . . .	369	319	343	324	318	349	353	346	274	336	296	340	3967
Total, 1865, . . .	332	282	311	314	340	359	311	308	268	278	297	294	3694
Total, 1864, . . .	325	291	264	283	342	322	271	346	289	316	302	283	3634

MARRIAGES IN THE EIGHT TOWNS—1870.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, ...	627	274	259	275	198	587	630	283	311	359	468	348	4619
Edinburgh, . . .	218	102	81	84	101	275	174	150	127	139	171	233	1855
Dundee, ...	158	50	55	41	69	177	55	57	62	64	82	98	968
Aberdeen, . .	92	39	34	26	49	105	82	51	50	42	53	81	704
Paisley, ...	72	22	19	21	21	52	27	62	20	45	53	44	458
Greenock, . . .	73	30	26	38	19	65	55	51	42	23	55	46	523
Leith, ...	36	22	26	19	24	64	54	36	22	24	43	53	423
Perth, . . .	22	5	13	5	12	22	17	15	9	20	20	20	180
Total, 1870, . . .	1298	544	513	509	493	1347	1094	705	643	716	945	923	9730
Total, 1869, . . .	1134	520	550	567	456	1299	1046	687	587	646	942	727	9161
Total, 1868, . . .	1049	492	527	513	382	1269	943	612	578	575	859	807	8606
Total, 1867, . . .	1049	509	510	573	436	1219	1034	583	638	577	899	840	8867
Total, 1866, . . .	1168	599	501	641	462	1331	992	620	624	654	930	928	9450
Total, 1865, . . .	1197	570	462	473	498	1227	1094	649	603	656	945	946	9320
Total, 1864, . . .	1082	523	468	576	465	1172	983	711	559	615	846	884	8884
Total, 1863, . . .	995	492	506	544	407	1190	979	633	518	621	913	795	8593
Total, 1862, . . .	899	431	484	443	369	1070	902	551	535	513	730	767	7694
Total, 1861, . . .	834	417	441	523	397	1007	873	523	535	522	833	828	7733

	MALE DEATHS.												Total Male Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	753	627	703	601	568	504	499	606	425	427	565	683	6961
Edinburgh,	254	222	200	184	186	188	180	164	176	157	214	224	2349
Dundee,	138	150	151	149	105	119	123	127	119	119	118	149	1567
Aberdeen,	102	85	84	81	85	89	62	60	57	72	69	99	945
Paisley,	66	50	65	56	54	44	56	63	38	47	49	81	669
Greenock,	93	81	100	86	61	56	39	79	70	52	65	91	873
Leith,	56	49	39	35	44	53	39	59	51	33	36	51	545
Perth,	35	22	29	33	30	15	27	18	26	22	32	36	325
Total, 1870,	1497	1286	1371	1225	1133	1068	1025	1176	962	929	1148	1414	14234
Total, 1869,	1350	1240	1644	1380	1334	1355	1266	1118	1057	1091	1366	1547	15748
Total, 1868,	1192	1084	1215	1212	1155	1098	1224	1225	996	1163	1253	1321	14138
Total, 1867,	1351	1058	1209	1187	1226	1021	1072	909	990	993	1036	1182	13234
Total, 1866,	1261	1103	1301	1244	1248	1041	1095	982	905	1157	1170	1217	13724
Total, 1865,	1399	1388	1305	1110	1174	1068	1238	1084	956	1124	1307	1099	14252
Total, 1864,	1543	1373	1479	1222	1134	1135	1058	1147	984	1057	1122	1240	14494

	FEMALE DEATHS.												Total Female Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	761	666	683	589	539	514	480	576	445	491	545	702	6991
Edinburgh,	299	204	215	183	190	182	173	187	158	161	189	216	2357
Dundee,	177	158	176	134	119	106	116	136	121	113	125	135	1616
Aberdeen,	93	90	85	82	80	83	63	81	75	70	82	100	984
Paisley,	61	65	61	55	42	50	49	73	43	51	59	74	683
Greenock,	94	72	95	67	66	37	64	67	50	54	55	78	799
Leith,	55	57	41	39	34	37	38	57	35	52	33	35	513
Perth,	44	31	32	27	30	34	17	15	22	21	18	25	316
Total, 1870,	1584	1343	1388	1176	1100	1043	1000	1192	949	1013	1106	1365	14259
Total, 1869,	1399	1266	1574	1348	1328	1331	1158	1126	1038	1097	1422	1615	15702
Total, 1868,	1231	1086	1194	1036	1093	1134	1134	1179	1069	1135	1221	1381	13893
Total, 1867,	1471	1140	1228	1160	1185	968	1082	946	911	976	1013	1197	13277
Total, 1866,	1267	1075	1323	1222	1270	1064	978	978	882	1140	1257	1268	13724
Total, 1865,	1413	1449	1288	1126	1137	1070	1182	1163	897	1109	1250	1163	14247
Total, 1864,	1608	1457	1436	1233	1099	1100	1049	1072	982	995	1132	1171	14334

	DEATHS—BOTH SEXES.												Total Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	1514	1293	1386	1190	1107	1018	979	1182	870	918	1110	1385	13952
Edinburgh,	553	426	415	367	376	370	353	351	334	318	403	440	4706
Dundee,	315	308	327	283	224	225	239	263	240	232	243	284	3183
Aberdeen,	195	175	169	163	165	172	125	141	132	142	151	199	1929
Paisley,	127	115	126	111	96	94	105	136	81	98	108	155	1352
Greenock,	187	153	195	153	127	93	103	146	120	106	120	169	1672
Leith,	111	106	80	74	78	90	77	116	86	85	69	86	1058
Perth,	79	53	61	60	60	49	44	33	48	43	50	61	641
Total, 1870,	3081	2629	2759	2401	2233	2111	2025	2368	1911	1942	2254	2779	28493
Total, 1869,	2749	2506	3218	2728	2662	2686	2424	2244	2095	2188	2788	3162	31450
Total, 1868,	2423	2170	2409	2248	2248	2232	2358	2404	2065	2298	2474	2702	28031
Total, 1867,	2822	2198	2437	2347	2411	1989	2154	1855	1901	1969	2049	2379	26511
Total, 1866,	2528	2178	2624	2466	2518	2105	2073	1960	1787	2297	2427	2485	27448
Total, 1865,	2812	2837	2593	2236	2311	2138	2420	2247	1853	2233	2557	2262	28499
Total, 1864,	3151	2830	2915	2455	2233	2235	2107	2219	1966	2052	2254	2411	28828

ABSTRACT of the METEOROLOGY of the Eight Principal Towns of Scotland during the several Months of the Year 1870.

Mean Height above the Sea-level, 122 feet. Mean North Latitude, 56°·12′. Mean West Longitude, 3°·30′.

1870.	BAROMETER.		SELF-REGISTERING THERMOMETER. Mean of the Eight Towns.						HYGROMETER.		DEDUCTIONS from Glaisher's Tables, 2nd Edit.				RAIN.		WINDS.									
																	Number of Days it blew in certain Directions.									Pressure on square foot.
	Mean at 32° and Sea-level.	Monthly Range.	Highest in Month.	Lowest in Month.	Mean Temperature.	Monthly Range.	Mean Daily Range.	Greatest Daily Range.	Dry Bulb, or Mean Temp. of Air.	Wet Bulb, or Temp. of Evaporation.	Dew-point Temperature.	Elastic Force of Vapour.	Wt. of Vapour in Cubic Foot of Air.	Humidity. Sat. 100.	Number of Days it fell.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
	inch.	inch.	°	°	°	°	°	°		°	°	inch.	grs.		days.	inch.										
JANUARY, . . .	29·894	2·104	46·6	25·2	36·5	21·4	7·3	15·5	36·2	35·1	33·4	·192	2·23	90	17	3·25	2	2	4	3	3	5	6	4	2	1·01
FEBRUARY, . .	29·925	1·548	47·6	20·4	35·7	27·3	8·7	16·0	35·4	34·1	32·1	·182	2·11	88	16	4·14	2	4	6	3	3	2	2	4	2	1·93
MARCH, . . .	30·089	1·406	54·8	23·9	39·9	30·9	12·1	20·8	38·9	37·2	34·9	·204	2·37	86	10	0·92	3	3	5	2	2	4	5	5	2	1·53
APRIL, . . .	30·027	1·244	68·8	32·8	48·0	36·0	14·9	28·8	46·6	43·7	40·4	·246	2·90	80	11	1·09	0	1	1	2	4	7	8	5	2	2·23
MAY, ...	29·923	1·433	68·0	34·2	51·3	33·7	12·9	21·0	50·4	47·8	45·0	·300	3·41	82	14	2·72	2	2	4	2	4	5	6	4	2	2·10
JUNE, ...	30·039	1·109	77·1	44·3	56·7	32·8	14·3	25·2	55·9	52·8	49·9	·360	4·04	81	12	1·63	2	2	3	1	2	4	9	5	2	1·22
JULY, ...	29·954	0·809	82·3	45·3	60·2	37·0	14·2	25·9	59·2	56·6	54·3	·422	4·72	84	12	2·26	1	2	4	2	2	6	8	3	3	1·27
AUGUST, . . .	30·014	0·866	76·3	42·0	58·6	34·3	15·9	26·2	57·4	54·7	52·2	·391	4·37	82	11	1·44	3	4	6	2	2	2	5	4	3	1·22
SEPTEMBER, . .	29·954	1·672	67·9	36·8	54·2	31·1	14·2	22·2	52·8	50·8	48·9	347	3·90	87	12	2·62	1	2	3	1	2	6	6	3	6	1·04
OCTOBER, . . .	29·630	2·176	61·2	33·5	46·9	27·7	11·1	21·5	45·9	44·1	42·1	·268	3·07	87	15	4·14	3	2	4	3	2	4	6	4	3	1·67
NOVEMBER, . .	29·740	1·649	54·0	27·1	40·2	26·9	8·4	19·5	38·6	37·2	35·3	·206	2·39	88	11	1·80	3	1	2	2	2	4	7	5	4	1·25
DECEMBER, . .	29·976	1·812	51·1	12·4	34·4	38·7	8·9	18·9	34·2	33·0	31·0	·176	2·06	88	14	3·22	4	3	5	2	1	3	7	3	2	3·13
YEAR, .	29·930	1·486	63·0	31·5	46·9	31·5	11·9	21·5	46·0	43·9	41·6	·274	3·13	85	155	29·23	26	28	47	25	29	52	75	49	34	1·55

The absolute highest temperature, viz. 85°·2, was noted at Glasgow in July; and the absolute lowest, viz. 3°·0, at Paisley in December.

Note.—The figures under each month are the mean results from the eight Stations, as published in the Monthly Returns.

APPENDIX

EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

I. NORTHERN DIVISION.

1. Shetland.

3. (1.) Dunrossness.—The three cases in col. 7 are those of children whose parents have got them vaccinated, but who did not go to the vaccinator on his second visit to get Schedule A, because they could not pay the fee.

3. (2.) Sandwick and Cunningsburgh.—Of the 67 births for 1869, there are still four of which no certificates have yet been got. In all the former books, however, there are no certificates awanting, but a great deal of trouble has been caused.

4. (1.) Fetlar.—In some cases the Registrar has had to give notice to the parents before certificates were sent in; but all the children registered in 1869 have been successfully vaccinated.

4. (2.) North Yell.—This return shows that, for 1869, four children are still unvaccinated. Had there been a medical officer appointed as vaccinator for the parish, there would probably have been no defaulters, as it is, there are many, extending over some years. There is no *legally* qualified medical practitioner residing in the Island of Yell, but there is a gentleman who has been practising medicine for many years, and who has studied for that profession, but has not yet obtained a diploma. It would be a considerable boon to the islanders if the Board of Supervision would sanction his appointment as vaccinator. The poor people would thus get rid of their vaccination difficulties, and there would be no cause for prosecutions.

7. (3.) Whalsay and Skerries.—Certificates are sent in very satisfactorily; defaulters list blank.

2. Orkney.

14. Deerness.—The want of a parochial medical officer to visit this parish at stated times, occasions a good deal of trouble in the working of the Act. The vaccinator supplies postponement schedules from time to time, until there is a number to vaccinate, sufficient to afford him a handsome fee for coming to the parish. Now, apart from the illegality of giving Schedule B in such cases, the practice occasions a great amount of unnecessary trouble to the Registrar, whose whole emoluments for registration amounts to the munificent sum of £4.

15. Eday and Pharay.—The chief difficulty is owing to the want of a *resident* medical practitioner.

20. Hoy and Græmsay.—The Act is well attended to. A medical practitioner calls quarterly.

27. Sandwick.—The Act has wrought very well here, and all the children have been successfully vaccinated, except where it was necessary to postpone the operation; but the minister, who is a surgeon and still the vaccinator, had vaccinated the children of this and the neighbouring parishes for 40 years, previous to the passing of the Act, gratis, and as no native has taken smallpox during all that time, though it has more than once been introduced by strangers, the people are aware of the value of the operation. Three or four days, in as many succeeding weeks in summer, generally suffice for the vaccination, when they assemble by public intimation, for the purpose, at the manse.

29. South Ronaldshay and Burray.—The people are attentive to the vaccination of their children, and Dr. Gordon is most successful, giving the Registrar very little trouble.

30. Stromness.—The Registrar finds no difficulty in working the Act, unless when the medical man vaccinates and withholds the schedule till he is paid.

33. (1.) Westray.—For the last 3 months, there have been no vaccinations in the district, owing to the death of the medical officer, and the vacancy not being yet filled up, but which is expected to be so very soon, when the Act will be again punctually attended to, as the parents are very anxious to have their children vaccinated.

4. Sutherland.

53. Lairg.—There is a general desire on the part of parents to comply with the provisions of the Act. This is a matter of difficulty to those residing in remote parts of the parish, who have to come perhaps 15 or 20 miles to meet the vaccinator. All had their children vaccinated before the age of 6 months, except a very few, who did so within 10 days after receiving the Registrar's notice.

II.—NORTH-WESTERN DIVISION.

5. Ross and Cromarty.

Mainland.

66. (2.) Southern District of Gairloch.—

Parents complain of the high charges made, particularly those who come a distance of 10 or 15 miles to meet the vaccinator. Very often they have to cross rough and rugged mountains in stormy weather, rendering it, at times, very disagreeable, and not free from risk to weak children, whose mothers, hardy as they are, have more than enough to do to breast the storms that, continually during winter, prevail on the west coast.

75. (1.) Lochbroom.—Vaccination can scarcely be said ever to have been conducted in a systematic manner in this parish. It is done by fits and starts, no regular and punctual times having ever been adopted for the purpose, probably very much owing to the short tenure of medical men in the parish. Considering the difficulty of attendance under these circumstances, the wonder is that so many are vaccinated, especially when the poor people have sometimes to go a great distance, cross hills and ferries, and pay the vaccinator besides. To many it is a great hardship. The vaccination should be free or not compulsory, at least in rural parishes, such as this.

83. Tarbat.—The Act works well, so far as the vaccination of the children is concerned, but the regular return of the schedules is by no means attended to; this arises entirely from the inability of many of the parents to pay the vaccination fee. Farm servants, who are paid but twice a year, and who require the perquisites of poultry and pig for groceries, complain very much. This return would not have been so favourable, were it not that in several cases the medical officer granted schedules gratis.

6. Inverness.

Mainland.

97. (1.) Glenelg.—As will be seen from the Return, the Act is now working satisfactorily.

97. (3.) North Morar.—The people are all well informed as to the requirements of the Act, but many fail, from year to year, to comply with them.

104. Laggan.—Vaccination is well attended to.

Insular.

112. (1.) Kilmuir.—The Act has been much neglected in this district for the last two years. The defaulters have got notices within the time specified, and lists of them have been periodically transmitted to the Inspector of Poor.

III.—NORTH-EASTERN DIVISION.

7. Nairn.

122. Cawdor.—Postponements are becoming more numerous annually, and when a case has been once postponed, there is an increasing difficulty in gettings ubsequent postponements, or vaccination done within the prescribed time.

8. Elgin (or Moray).

131. Duffus.—Vaccination well attended to, but much inconvenience felt on account of there being no resident medical practitioner.

9. Banff.

148. Botriphnie.—The Act works well, and the Registrar has very little trouble.

155*a*. Gamrie.—The Act continues to work very successfully, and with comparatively little trouble to the Registrar.

157. (2.) Glenlivat.—Act works well.

10. Aberdeen.

183. Crathie and Braemar.—The Act is still working well.

186. Culsamond.—Parents are very lax in sending in the vaccination schedules, but take pretty good care of the fine.

193. Fintray.—With regard to col. 7, every year more or less leave the district before the date of vaccination expires, some even to England; but in no case since the commencement of the Act, has the Registrar failed in securing schedules from such parties, not, however, without difficulty.

199. Glass.—When a birth is registered, the Registrar makes a point of advising the parent not to defer vaccination too long, and in almost every case his advice is complied with. Dr. Wilson kindly attends now and then, at the Registrar's house, for the purpose of vaccinating, when those interested in the neighbourhood gladly meet him with their children.

202. Huntly.—In the two cases unaccounted for, the parents have left the country.

213. Kintore.—The parents are very anxious to do all required by the Act.

217. Logie Coldstone.—Scarcely ever do the parents return the schedules till they have received the statutory notice pursuant to section 17.

233. Pitsligo.—The working of the Act has very much improved during the past year. There have been only two cases of postponement. The Registrar believes the cases where postponement is absolutely necessary to be exceedingly rare, and more especially if the time allowed for vaccination were more limited.

237*b*. Savoch.—There seems to be the greatest difficulty in getting schedules from one of the vaccinators, and a great many 'Notices to Parents' require to be sent.

242. Tarland Migvie.—Cases requiring notice are increasing annually.

IV. EAST-MIDLAND DIVISION.

12. Forfar.

282. (3.) St. Clement (Dundee).—The Act continues to work very smoothly. The unreasonable objections to vaccination are dying away, and there appears a growing disposition amongst even the most uneducated people to recognise the benefits of the law. The uncertain state of trade sufficiently accounts for the number of cases of which no return can be made. Without exception they belong to the nomadic classes.

282. (4.) St. Andrew (Dundee).—The Act works pretty well on the whole. It entails very great labour upon the Registrar, with quite inadequate remuneration, which, to be in any way proportionate to the amount of work and annoyance to which he is subjected, should be at the very least double what it now is. A great proportion of the parents delay sending in the certificates till after the statutory notice is sent to them, and when asked the cause of the delay, exclaim, 'Oh, we are within the 10 days.' The Registrar is convinced that if a shilling were charged for every notice required to be sent, very few would be needed in the course of the whole year. When the Act was in its infancy, the 10 days' grace was perhaps a necessary as well as a merciful provision; but the requirements of the Act, being now so well understood, that provision has been converted into a cause of great carelessness on the part of parents, and endless trouble to Registrars. The time from birth within which a child ought to be vaccin-

ated, should, in the Registrar's opinion, be limited to three months or four at the farthest. The causes for postponements should also be made more definite.

283. Dunnichen.—The Act continues to work well; but the fee to the Registrar, being only threepence for each entry, is very inadequate.

296. Kinnell.—Vaccination still continues to be remarkably well attended to.

13. Perth.

342. Crieff.—As a general rule vaccination is well attended to.

351. Errol.—So far as the Registrar knows, the people are very anxious to comply with the Act; but he has in many cases to remind them of their duty, and the excuse invariably given by those who are behind the required period is, that they had difficulty in procuring the certificate from the vaccinator.

355*a*. Fortingall.—There are two cases outstanding, for which no satisfactory reason can be given. The medical men are very careless, and will not call in to vaccinate the children, although they pass the door where the children are, and the parents cannot go the length of the vaccinator's house—9 miles—without a conveyance, which they, being poor, cannot afford to hire. The Parochial Board pay no attention to the reports furnished them, and never prosecute defaulters, and the Registrar never gets a penny for the notices sent them.

364. Kincardine.—Vaccination carefully attended to both by parents and medical men.

394*b*. Strathfillan.—The parents are willing to get their children vaccinated in due time.

14. Fife.

426. Dysart.—There are four defaulters, who left the district and have not yet been traced. The children of three of these are illegitimate.

429. Ferry-Port-on-Craig.—The only one unaccounted for, was the child of a hawker, whose whereabouts cannot be ascertained.

433. Kemback.—Since the commencement, 45 postponed schedules have been received, and 43 of them are from one doctor.

442. Kirkcaldy.—As was stated last year, the Act works very well, though there is still great difficulty in getting in the required certificates at the proper time. This arises more from forgetfulness on the part of the parents than from any desire not to comply with the provisions of the Act.

15. Kinross.

462. Kinross.—In one case previously unaccounted for, the parents, travelling dealers in crystal and china, returned to this parish lately, and their child was vaccinated as per certificate, dated 11th November 1870. No fine was exacted.

V.—WEST MIDLAND DIVISION.

17. Stirling.

480. Fintry.—Every child registered during 1869, has been successfully vaccinated. This has not occurred before.

483. Kilsyth.—Vaccination has been pretty well attended to by parents and guardians. Of the five cases unaccounted for, two are of the children of tinkers, having no fixed residence, and the other three are of children belonging to the mining class, who, owing to the nature of their employment, are often shifting about. There is a good deal of trouble with some of this class. Threatening notices are of little avail, and the Parochial Board does not care about prosecuting. The Registrar finds that the best way, after sending notice, is to make personal calls, which costs much trouble and time.

490. Stirling.—The Vaccination Act is still working well.

19. Argyll.

Mainland.

505. (2.) Arisaig.—The Vaccination Act, upon the whole, is well attended to; but notices have still to be sent, in some cases more than once. There is still one defaulter to whom the Registrar has sent no less than three notices to no effect, and now he intends to report him to the Inspector of Poor; but, likely, no steps will be taken for prosecuting him, as several cases have been reported before. The Registrar blames no person, but merely states facts.

521. Kilmartin.—Vaccination continues to be very well attended to.

523. Kilmore and Kilbride.—Owing to the prevalence of measles during the past year, vaccination was not so regularly carried on.

525. (2.) Appin.—The medical practitioner is very attentive, and the people are generally willing and ready to comply.

528. Morven.—This rugged and extensive parish, almost surrounded by sea, is in difficulties at present with regard to vaccination. Parents generally are very desirous to have their children vaccinated, but the parish is without a vaccinator, since the death of the last, on the 27th August, and it is impossible to cross seas and rugged hills at this season of the year. A medical gentleman was expected to settle down in the parish some months ago.

531. (2.) Skipness.—The Vaccination Act works admirably.

535. Tarbert.—Parents generally get their children vaccinated within the time; but there are some who require to be threatened before they will get them vaccinated, and who think that, as it is a compulsory measure, Government should pay the expense.

Insular.

551. (1.) Tyree.—At the beginning of the year, the Parochial Board gave indications of increased attention to the requirements of the Vaccination Act, which has produced great punctuality in returning the certificates to the Registrar.

20. Bute.

554. Kilmory.—A fee of from 3s. to 5s. is charged for vaccinating the non-pauper children. This is unfavourable to the operation of the Act among the poorer classes.

VI. SOUTH-WESTERN DIVISION.

21. Renfrew.

565. Houston and Killellan.—The whole of those returned as having left the parish are labourers, and there is great difficulty in finding them out, although many of them return to the parish after two or three years' absence.

574. Port-Glasgow.—During the previous year the postponements amounted to 113, but during the past year there has been a decided improvement, the number being 85. Since the beginning of the past year, the Registrar has sent quarterly returns to the Parochial Board, which seems to have wrought well.

22. Ayr.

578. Ayr.—Were the time allowed for vaccination restricted to, say, four months instead of six, as at present, the number who appear in col. 7, as removed or otherwise unaccounted for, would be greatly diminished, and the number of postponements would also be fewer.

589. Dreghorn.—The Vaccination Act is working very well in this parish, though a great many of the parents have to be written to, which is attributable to the 1s. 6d. they have to pay, and to the carelessness of the vaccinators in delivering the certificates after vaccination.

597. Kilmarnock.—As in previous years the Vaccination Act continues to work well, only 1·2 per cent being unaccounted for. Many parties, however, still require to be written to at the end of six months, otherwise the certificates would be neglected to be sent.

609. Ochiltree.—The year 1869, like all its predecessors, has yielded a most satisfactory result.

613. Sorn.—The Vaccination Act is working much more satisfactorily, in consequence of the appointment of a new vaccinator for the parish, who is most attentive to his duties.

616. Stewarton.—The Vaccination Act, which must be regarded as of great value to the community, is working very well; but this, in some degree at least, is due to unrecognised, unrequited labour on the part of the Registrar. Delinquents are numerous, and as the exaction of one shilling by the Registrar, 'in respect of notice,' can only take place after additional 10 days, the indulgence seems to favour carelessness. In many instances, judging from the date, the vaccination certificate is ready, but is either not called for, or withheld till the vaccinator's fee is paid; and the Registrar has frequently to call upon delinquents and vaccinators before he can get the document. In many cases females perform the part of accoucheur, and then the vaccinator is only applied to under pressure. For such trouble, especially in parishes where remuneration is not supplemented by the Parochial Board, threepence per entry, and that dependent on the success of the vaccinating operation, is certainly very inadequate payment.

23. Lanark.

624. Blantyre.—With regard to one of the cases under col. 7, some instructions are required. The mother was unable to pay the doctor for vaccinating her child, and he retains the certificate till he is paid.

634. Covington and Thankerton.—The people are strictly attentive to comply with the requirements of the Act, therefore no irregularities occur.

637. Culter.—There is often considerable difficulty in getting the vaccination certificates within the proper time.

638. (2.) Dalserf.—The mining portion of the population are very migratory. This circumstance forms the only difficulty I have experienced in the working of the Act.

644. (3.) Bridgeton (Glasgow).—The fact that out of 2259 entries, only 44 are in col. 7, as having removed from the district or otherwise unaccounted for, speaks for itself, and shows how well the people attend to the duty of vaccination. Of the 2215 accounted for, only 200 had to be lettered; and no case of prosecution has been necessary.

651. (1.) New Monkland (Airdrie).—Notices to parents of failure to vaccinate their children are greatly on the increase. This appears to arise from their being aware that they do not incur any penalty until 10 days after notice of failure, consequently they do nothing whatever in the matter until they are lettered, as they term it, when they may vaccinate within the 10 days of grace allowed them for doing so, after such notice. There have been 6 cases of small-pox within the last 14 days, but in none fatal, in consequence of previous vaccination.

654. Rutherglen.—Vaccination is carried on much in the usual way. A great many letters have to be written before the schedules are returned, and in the majority of cases the fee of one shilling is never paid. One individual refused to have his child vaccinated, for which he was taken before the sheriff by the Inspector, and had to pay the statutory fee of one pound for not returning the schedule, one pound for his refusing the medical practitioner, and three pounds of expenses, in all five pounds, besides being compelled to have his child vaccinated, which has been done and the schedule returned.

660. Wiston and Roberton.—A considerable amount of difficulty is experienced in getting guardians to comply with the provisions of the statute within the proper time.

VII.—SOUTH-EASTERN DIVISION.

24. Linlithgow.

673. Whitburn.—There is always great difficulty in getting the necessary certificates returned within the prescribed time, causing a considerable number of notices to be issued periodically, for which the Registrar has as yet been unable to obtain one farthing.

25. Edinburgh.

679. Cramond.—The vaccination schedules continue to be sent in with great regularity.

681. Crichton.—The Act upon the whole works well.

692. (2.). South Leith.—Upon the whole the Act continues to work satisfactorily. The percentage of removals from the district before vaccination might, however, be greatly lessened, were three months instead of six the period fixed for the return of the certificates.

26. Haddington.

721. Stenton.—The provisions of the Vaccination Act have been most satisfactorily carried out during the year 1869.

27. Berwick.

730. Chirnside.—The Vaccination Act continues to work well.

28. Peebles.

766. Manor.—All the requirements of the Vaccination Act have been strictly fulfilled.

VIII.—SOUTHERN DIVISION.

30. Roxburgh.

783. Bowden.—The Act continues to operate satisfactorily.

784. Castleton.—The Vaccination Act works well, the parents generally being very attentive to their duty, and postponements very few.

792. Jedburgh.—The entry in col. 7, was of a child, who was removed to England, previous to vaccination. The Registrar is aware that the child was successfully vaccinated in England, but the medical gentleman refused to grant a certificate.

793. Kelso.—Parents are most anxious to have their children vaccinated, and the medical

officers are very punctual in sending in the certificates.

31. DUMFRIES.

813*a*. APPLEGARTH.—In too many cases the Registrar requires to admonish parents by sending compulsory notices, and in almost every instance they are immediately complied with; were the fine of a shilling to be imposed by the Registrar for having to issue such notices, the necessity for doing so would be in a great measure removed.

822. DUNSCORE.—Great attention is paid to vaccination, both by parents and medical practitioners.

840. LOCHMABEN.—There are no defaulters, but there is a great deal of extra labour, and the remuneration is very inadequate.

32. KIRKCUDBRIGHT.

871. KIRKCUDBRIGHT.—This year vaccination has been better attended to than usual.

33. WIGTOWN.

893. NEW LUCE.—The Vaccination Act is working well.

901. WIGTOWN.—Vaccination is generally well attended to. No defaulters for 1869.

SEVENTEENTH
ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

ON THE

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

SCOTLAND

DURING THE

YEAR 1871;

AND

SEVENTH ANNUAL REPORT

ON

VACCINATION.

Presented to both Houses of Parliament by Command of Her Majesty.

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REPORT.

TO THE

RIGHT HON$^{BLE.}$ H. AUSTIN BRUCE, M.P.,

Her Majesty's Principal Secretary of State for the Home Department.

GENERAL REGISTRY OFFICE OF BIRTHS, ETC.,
EDINBURGH, 30*th April* 1872.

SIR,

IN conformity with the requirements of the Scottish Registration Act (17° and 18° Vict. c. 80), I have the honour of submitting to you, for the purpose of being laid before Parliament, a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1871.

The numbers of the estimated annual populations, having been deduced from the results of the recent Census, are in the present Report more correct than the corresponding figures of my last Report could possibly have been made.

In framing this Abstract, the circumstances which appear to influence the Public Health, the spread of disease, and especially of Epidemics, the rate of Increase of the Population, and the frequency of Marriages, have been regarded as the main objects of investigation, and have been commented on wherever the Tables supplied suitable illustration.

That a high death-rate should prevail in a densely aggregated population is but natural; and that it does prevail is universally acknowledged, and habitually pointed out, in Reports of this nature. But the proposition that density of population has a similar effect in raising the Birth-rate and Marriage-rate, is of comparatively modern origin, and has not yet obtained the formal assent of statisticians. The Tables, which for the last three years have accompanied my Reports, will this year be found again strikingly to confirm the modern doctrine regarding density of population.

I have directed that all that relates to the mean monthly temperature of the past year, and to the connection between the fatality of various causes of Death, and marked peculiarities in the weather, should be illustrated by the usual Tables. The details which these embrace will be found worthy of careful examination by persons interested in sanitary matters.

In conformity with the 19th Section of the Scottish Vaccination Act (26° and 27° Vict. c. 108), I have also the honour to submit to you my Seventh Annual Report on Vaccination. Its statements refer to children born in Scotland during 1870, and embrace all the usual information regarding the numbers and proportions of those who were successfully vaccinated, whose vaccination was postponed, who were reported to be insusceptible of the vaccine virus, who died unvaccinated before attaining the age of six months, or who, from various causes, were lost sight of by the Registrars, and are presumed to remain unvaccinated.

The Vaccination Act continues to work well in Scotland; and the proportion of those who fail to receive the protection which the provisions of the Act are fitted to confer, is very small, not exceeding $2\frac{1}{2}$ per cent. of those susceptible of Vaccination who reach the age at which the operation becomes, under penalties, obligatory, and in whom there exists no medical reason for postponing the process.

It seems worthy of consideration whether even the above small proportion might be reduced, by shortening the period after birth during which Vaccination may, at the option of parents, be deferred. The subject seems at present an important one; an epidemic of Small-pox, of unusual virulence, having developed itself in Scotland during the past year, when it numbered probably about 1760 victims.

Although no serious opposition to the Vaccination Act is met with in Scotland, there is reason to believe that a good deal of popular misconception exists regarding the amount and duration of the protective influence of Vaccination. In order to help in the removal of such misconception, and likewise in order to suggest the more extensive practice of the re-vaccination of adults—an important precautionary measure for which the Act makes no provision—I have directed that a short abstract of the generally received medical doctrines regarding Vaccination should constitute a part of this Report.

I have the honour to be,

Sir,

Your obedient Servant,

W. PITT DUNDAS,

Registrar-General.

REPORT TO THE REGISTRAR-GENERAL,

BY WILLIAM ROBERTSON, M.D., F.R.S.E.

(FOR JAMES STARK, M.D., F.R.S.E.)

SIR,

THIS Report refers to the Births, Deaths, and Marriages registered during the year 1871 in the 1020 districts into which Scotland has for the purposes of registration been divided; it has also reference to the Vaccination of the children whose births were recorded during the year 1870.

116127 Births, 74644 Deaths, and 23966 Marriages were entered on the registers of Scotland during the year 1871; and when these numbers are compared with the corrected estimates of the population, it is seen that the birth-rate has been very slightly below the mean corrected rate of the ten years immediately preceding, and that the rates both of deaths and of marriages have more considerably exceeded the corrected mean rates of the decennial period. As compared with the year 1870, the births show an increase of 704, the deaths of 577, and the marriages of 178.

POPULATION.

In last Annual Report mention was made of the uncertainties which in such a country as Scotland must necessarily attend attempts to deter-

TABLE I.—Population estimated to the middle of each year, with the number of Births, Deaths, and Marriages registered in Scotland, during each of the years 1855 to 1871, and their proportion to the Population; also the Illegitimate Births, and the excess of Births over Deaths.

YEAR.	Population estimated to the Middle of each Year.	BIRTHS.		DEATHS.	MAR-RIAGES.	Excess of Births over Deaths.	Proportion to every 100 Persons living.		
		Total.	Illegit.				Births.	Deaths.	Marriages.
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	3·134	2·082	0·661
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3·399	1·953	0·692
1857	3,012,310	103,415	8,869	61,906	21,369	41,509	3·433	2·055	0·709
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3·435	2·098	0·649
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3·502	2·029	0·697
1860	3,054,738	105,629	9,736	68,170	21,225	37,359	3·458	2·231	0·695
1861	3,069,374	107,009	9,929	62,341	20,896	44,668	3·486	2·031	0·681
1862	3,097,847	107,069	10,376	67,195	20,597	39,874	3·456	2·174	0·666
1863	3,126,587	109,341	10,948	71,481	22,234	37,860	3·497	2·286	0·711
1864	3,155,595	112,333	11,197	74,416	22,725	37,917	3·560	2·358	0·720
1865	3,184,873	113,070	11,262	70,891	23,611	42,179	3·558	2·231	0·743
1866	3,214,426	113,667	11,673	71,348	23,688	42,319	3·536	2·219	0·737
1867	3,244,254	114,044	11,148	69,068	22,618	44,976	3·515	2·129	0·697
1868	3,274,360	115,514	11,354	69,416	21,856	46,098	3·528	2·120	0·667
1869	3,304,747	113,354	11,023	75,875	22,083	37,606	3·430	2·296	0·668
1870	3,335,418	115,423	10,988	74,067	23,788	41,356	3·460	2·220	0·713
1871	3,366,375	116,127	11,073	74,644	23,966	41,483	3·449	2·217	0·712

mine by calculation the numbers of the population, especially towards the end of a census period. By means of the Census of 1871, however, we are enabled to state the population referred to in the various tables of this Report with a fair degree of probable accuracy. What was formerly merely a matter of surmise is now positively ascertained, viz. that during the last decennial period the population has been increasing in a ratio exceeding

Table II.—Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1861 to 1871 inclusive.

	1861.		1862.		1863.		1864.		1865.		1866.		1867.		1868.		1869.		1870.		Mean per cent. Ten Years.	1871.	
	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.		No.	Per cent.
First Quarter.																							
Births, ...	25400	3·31	27089	3·49	26733	3·42	28049	3·55	28594	3·60	28863	3·59	27952	3·44	28697	3·50	28429	3·44	28674	3·44	3·478	28902	3·43
Deaths, ...	17944	2·34	19420	2·50	19229	2·46	22605	2·86	20804	2·62	19095	2 37	19977	2·46	18042	2·20	20431	2·47	22184	2·66	2·494	19756	2·34
Marriages, ...	4636	0·60	4763	0·77	5126	0·65	5346	0·67	5416	0·68	5642	0·70	5356	0·67	5287	0·64	5291	0·64	5631	0·67	0·669	5415	0·64
Mean Temperat.	38°·9		38°·8		40°·9		35°·7		35°·3		38°·0		36°·5		40°·6		40°·0		36°·9		38°·16	39°·1	
Second Quarter.																							
Births, ...	29200	3·80	28728	3·71	29655	3·79	29964	3·79	30318	3·81	29808	3·71	30375	3·74	30983	3·78	29472	3·56	30645	3·67	3·736	30583	3·63
Deaths, ...	15947	2·08	17385	2·24	17963	2·29	18473	2·34	17074	2·15	18575	2·31	17475	2·15	16958	2·07	19449	2·35	17984	2·15	2·213	18715	2·22
Marriages, ...	5327	0·69	5185	0·67	5594	0·71	5723	0·72	5707	0·72	6034	0·75	5627	0·69	5661	0·69	5596	0·67	5754	0·69	0·700	5946	0·70
Mean Temperat.	50°·6		49°·4		49°·0		49°·9		51°·5		49°·3		49°·0		51°·0		48°·4		51°·0		49°·61	48°·7	
Third Quarter.																							
Births, ...	26146	3·41	25783	3·33	26366	3·37	27035	3·42	27306	3·40	27204	3·38	27870	3·43	28354	3·46	27646	3·33	28272	3·39	3·392	28689	3·40
Deaths, ...	13415	1·75	14235	1·83	16273	2·11	16159	2·05	15924	2·00	15470	1·92	15125	1·86	16659	2·03	16532	2·00	16555	2·03	1·958	16835	2·00
Marriages, ...	4480	0·58	4570	0·59	4900	0·62	5005	0·63	5343	0·67	5104	0·63	5071	0·62	4704	0·57	4870	0·59	5301	0·63	0·613	5424	0·64
Mean Temperat.	56°·0		54°·4		53°·9		54°·5		57°·5		54°·4		55°·2		57°·4		56°·4		57°·1		55°·68	56°·3	
Fourth Quarter.																							
Births, ...	26263	3·39	25469	3·29	26587	3·40	27185	3·44	26852	3·38	27772	3·45	27847	3·43	27480	3·35	27848	3·37	27832	3·26	3·376	27953	3·32
Deaths, ...	15035	1·96	16155	2·08	18016	2·30	17179	2·17	17089	2·15	18210	2·26	16491	2·03	17757	2·17	19377	2·34	17344	2·08	2·154	19338	2·29
Marriages, ...	6453	0·84	6079	0·78	6614	0·84	6651	0·84	7145	0·89	6908	0·85	6664	0·81	6203	0·77	6326	0·76	7102	0·85	0·823	7181	0·85
Mean Temperat.	42°·0		42°·0		43°·6		42°·0		43°·4		43°·5		42°·3		41°·5		40·9		39°·6		42°·08	41°·3	
YEAR.																							
Population, ...	3069374		3097847		3126587		3155595		3184873		3214426		3244254		3274360		3304747		3335418			3366375	
Births, ...	107009	3·48	107069	3·46	109341	3·49	112333	3·56	113070	3·56	113667	3·53	114044	3·51	115514	3·53	118395	3·41	115423	3·46	3·499	116127	3·45
Deaths, ...	62341	2·03	67195	2·17	71481	2·28	74416	2·36	70891	2·23	71350	2·22	69068	2·13	69416	2·12	75789	2·29	74067	2·22	2·205	74644	2·22
Marriages, ...	20896	0·68	20597	0·66	22234	0·71	22725	0·72	23611	0·74	23688	0·73	22618	0·69	21855	0·66	22083	0·66	23788	0·71	0·696	23966	0·71

that observed between 1851 and 1861, and assumed in framing the population estimates before the Census of 1871. If the disturbing influence of emigration could be estimated and allowed for from time to time with any approach to precision, materials now exist which should enable us to calculate the probable numbers of the population, for at least a few years to come, with some confidence. It has, however, been already shown that the disturbing influence of emigration cannot be got rid of. Its amount is of course variable, and cognisance of it is taken only at Glasgow and at Greenock. No note is kept of the numbers who annually proceed from Scotland to join the Army and Navy, nor of those who migrate from all parts of Scotland, and by many channels besides the ports of the Clyde, to England, to Ireland, to the continent of Europe, to India, and in fact to every quarter of the world.

The estimate of the population of Scotland, corrected to the middle of 1871 by the results of the recent Census, amounts to 3,366,375 persons.

BIRTHS.

116127 Births were registered in Scotland during the year 1871, being at the rate of 345 births in every ten thousand persons of the population, or 3·45 per cent. This number of births is the largest that has been recorded in Scotland since the Registration Act came into operation, exceeding by 613 the births of 1868, and by 704 those of 1870. The mean of the ten previous years gives an annual birth-rate of very nearly 350 in every ten thousand persons; the birth-rate of the year just closed is consequently a trifle below that deduced from the experience of the preceding decennium.

Of the 116127 births, 40424 occurred in the Principal Towns, 11663 in the Large Towns, 19193 in the Small Towns, and 44847 in the Rural Districts. These numbers indicate a ratio of one birth for every twenty-six persons in the Principal Towns, a ratio not sensibly differing from the above in the Large Towns likewise, one birth for every twenty-eight inhabitants in the Small Towns, but in the Rural Districts only one birth for every thirty-two persons. In other words, it may be said that for every thousand inhabitants there have been in the Principal Towns and Large Towns 38 births, in the Small Towns 35 births, but that in the Rural Districts there have been only 31 births for each thousand inhabitants. (Tables IV. and V.).

TABLE III.—Population, with the Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1871, and their Proportion to the Population.

Divisions.	Population, Census 1871.	Births.		Deaths.		Marriages.	
		Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
Northern	126,552	3118	2·46	1771	1·39	587	0·46
North-Western	166,261	4348	2·61	2587	1·55	802	0·48
North-Eastern . . .	393,197	12878	3·27	6600	1·67	2411	0·61
East Midland	559,187	18016	3·22	11421	2·04	3782	0·67
West Midland	250,982	7968	3·17	4876	1·94	1475	0·58
South-Western . . .	1,183,055	46815	3·95	32423	2·74	10106	0·85
South-Eastern . . .	470,355	16587	3·52	11234	2·38	3576	0·76
Southern	209,024	6397	3·06	3732	1·78	1227	0·58

The experience of 1870 may consequently be again appealed to in confirmation of the general law which regulates the numbers of births, these being most numerous where the distribution of the population is most dense.

Even the figures of Table III. illustrate with sufficient distinctness this connection between the birth-rate and the more or less dense aggregation of the population. For example, in the North-Western Division of the country, where the population is very sparse, scarcely amounting to 24 persons to a square mile, the births numbered 261 to every ten thousand persons. In the North-Eastern Division, with an average of 98 persons to a square mile, we find 327 births to ten thousand inhabitants. In the South-Eastern Division, with 238 inhabitants to the square mile, there have been 352 births to every ten thousand; but in the South-Western Division, the most densely peopled of all, numbering 463 persons to the square mile, the ratio of births has been 395 to each ten thousand inhabitants.

Of the 116127 births, 105054 were legitimate, and 11073 illegitimate, indicating that 9·5 per cent. of the total births were illegitimate. The proportion of illegitimate births has been usually found to be considerably

TABLE IV.—Births, Illegitimate Births, Deaths, and Marriages in the Groups of Town and Rural Districts of Scotland in 1871, distinguishing the Sexes.

GROUPS OF DISTRICTS.	Population Estimated to Middle of Year 1871.			Births.			Illegitimate Births.	Deaths.			Marriages.
	Males.	Females	Both Sexes.	Males.	Fem.	Both Sexes.		Males.	Fem.	Both Sexes.	
Principal Towns . .	504328	569112	1,073,440	20761	19663	40424	3756	15480	15905	31385	9815
Large Towns . . .	148791	162878	311,669	6028	5635	11663	910	3756	3805	7561	2510
Small Towns . . .	257328	284295	541,623	10081	9112	19193	1806	5681	5908	11589	3744
Total Town Districts .	910447	1,016,285	1,926,732	36870	34410	71280	6472	24917	25618	50535	16069
Rural Districts . .	695176	744,467	1,439,643	23202	21645	44847	4601	11936	12173	24109	7897
SCOTLAND . .	1,605,623	1,760,752	3,366,375	60072	56055	116127	11073	36853	37791	74644	23966

TABLE V.—Per-centage and Proportion of Births, Deaths, and Marriages to the Population in the Groups of Town and Rural Districts of Scotland in 1871; also, the Per-centage of Illegitimate to the Total Births.

GROUPS OF DISTRICTS.	Per-centage to Population.							Per-cent. of Illegit. to Total Births.	Proportion to Population.						
	Births.			Deaths.			Marriages.		Births, One in every.			Deaths, One in every			Marriages, One in every
	Mal.	Fem.	Both Sexs.	Mal.	Fem.	Both Sexs.			Mal.	Fem.	Both Sexs.	Mal.	Fem.	Both Sexs.	
Principal Towns .	4·12	3·45	3·76	3·07	2·79	2·92	0·91	9·2	24	29	26	32	36	34	109
Large Towns . .	4·05	3·46	3·74	2·52	2·33	2·42	0·80	7·8	24	29	26	40	43	41	124
Small Towns .	3·92	3·20	3·54	2·21	2·08	2·14	0·69	9·4	25	31	28	45	48	47	145
Total Town Districts .	4·05	3·38	3·69	2·74	2·52	2·62	0·83	9·0	25	29	27	36	40	38	120
Rural Districts . .	3·34	2·91	3·11	1·72	1·63	1·67	0·55	10·2	30	34	32	58	61	60	182
SCOTLAND	3·74	3·18	3·44	2·29	2·15	2·22	0·71	9·5	27	31	29	44	47	45	140

NOTE.—The Large Towns have each Populations from 10,000 to 25,000 inhabitants. The Small Towns have each Populations from 3,000 to 10,000 persons.

greater in the Rural Districts than in the Town Districts, and this preponderance continues to be observed in the returns of 1871. Of the births in the Town Districts, 9 per cent. have been returned as illegitimate, while in the Rural Districts the per-centage of illegitimacy has amounted to 10·2. On comparing Table VI. with the corresponding tables of former Annual Reports, it will be remarked that in the several divisions and counties of Scotland the relative proportion of illegitimacy has not during 1871 materially deviated from that formerly recorded. The ratio varies exceedingly in certain counties, being under 5 per cent. in Shetland, Orkney, Ross, and Cromarty, and exceeding 15 per cent. in Kirkcudbright, Aberdeen, Dumfries, Banff, and Wigtown.

Of the 116127 children born during 1871, 60072 were boys, and 56055 girls; thus showing that the proportion of the sexes at birth was 107·2 boys for every 100 girls. It is well known, and has been repeatedly pointed out in these Reports, that the preponderance of male births in Scotland exceeds that observed in England, or on the continent of Enrope. Another peculiarity observed only in Scotland is, that this preponderance of males continues year after year to show itself, more particularly among the illegitimate births. On the continent, on the other hand, the ratio of male births is lower among the illegitimate than among the legitimate. The usual proportion of the sexes in all births in Scotland is about 105·5 boys to 100 girls, from which numbers the observed deviations have hitherto been for the most part trifling. In 1870, however, when the ratio fell to 104·5 boys to 100 girls, there was a sensible fluctuation; but during 1871 a sudden and at present inexplicable change in the opposite direction has occurred, and the observed numbers of male and female births have been in the proportion of 107·2 to 100. It will be interesting to find whether this extreme frequency of male births has during 1871 been observed in the other divisions of the kingdom.

The greatest daily number of births occurred, as usual, during the months of March, April, May, and June, when they respectively numbered 325, 330, 349, and 329 daily. The daily births were least numerous during the winter months, November and December, when they amounted respectively to 300 and 298 daily. (Table XIV.)

DEATHS.

The registered Deaths in Scotland during 1871 were 74644, which indicates the ratio of 222 deaths in every ten thousand persons, or 2·22 per cent. The mean death-rate of the ten previous years having been 2·205

TABLE VI.—Proportion of Illegitimate Children to every 100 Births in Scotland, its Divisions and Counties, during the year 1871.

DIVISIONS.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.
SCOTLAND.	9·5	Shetland	4·8	Forfar	11·6	Lanark	8·3
		Orkney	4·8	Perth	10·6	Linlithgow	8·8
NORTHERN DIVISION	7·8	Caithness	11·6	Fife	7·4	Edinburgh	8·1
NORTH-WESTERN Do.	6·6	Sutherland	8·5	Kinross	7·4	Haddington	8·5
NORTH-EASTERN Do.	15·1	Ross & Cromarty	4·9	Clackmannan	7·6	Berwick	10·7
EAST-MIDLAND Do.	9·9	Inverness	8·4	Stirling	8·1	Peebles	8·9
WEST-MIDLAND Do.	7·6	Nairn	6·9	Dumbarton	6·7	Selkirk	10·3
SOUTH-WESTERN Do.	8·1	Elgin	13·6	Argyll	7·2	Roxburgh	11·5
SOUTH-EASTERN Do.	8·5	Banff	17·1	Bute	9·4	Dumfries	16·1
SOUTHERN Do.	14·9	Aberdeen	15·4	Renfrew	6·5	Kirkcudbright	15·0
		Kincardine	12·9	Ayr	9·4	Wigtown	17·2

per cent., or about 221 in every ten thousand persons, it follows that the mortality during 1871 has been slightly above the average. The deaths exeeeded those of 1870 by 577, but the per-centage of mortality in 1870 and 1871 is, in consequence of the increase of the population, found to be identical.

The death-rate in Scotland during the past year was a little below that observed in England, where the rate was 22·6 per thousand, or 2·26 per cent. This rate, we are informed by the Registrar-General, was likewise the mean death-rate in England during the decennium terminating with 1870. The mortality in Scotland has consequently during 1871 approximated more closely than usual to that experienced in England.

As in the case of the births, the various Town and Rural Districts of Scotland have exhibited very considerable differences in the numbers of deaths which have occurred in them during the year just closed. Thus, for every thousand persons living in each district, there have been 29·2 deaths in the Principal Towns, 24·2 deaths in the Large Towns, 21·4 deaths in the Small Towns, and only 16·7 deaths in the Rural Districts; or, as the above facts may be otherwise expressed, there has been one death for every 34 persons in the Principal Towns, one death for 41 persons in the Large Towns, one death for 47 persons in the Small Towns, and only one death for every 60 persons resident in Rural Districts.

During the ten years 1861–1870, for every thousand persons in each of these districts there died annually 28·3 in the Principal Towns, 24·6 in the Large Towns, 22·1 in the Small Towns, and 18·0 in the Rural Districts; or, in other words, one death in every 35 persons in the Principal Towns, one death in every 40 persons in the Large Towns, one death in every 45 persons in the Small Towns, and only one death for every 56 persons in the Rural Districts.

On comparing the above average of ten years' returns with the experience of 1871, it is found that during the past year the mortality has been above the average in the Principal Towns, slightly below the average in the Large Towns, below the average in the Small Towns, and decidedly below the average in the Rural Districts. It appears, then, that in the Principal Towns, or at least in some of them, causes must have been in operation

TABLE VII.—Annual Rate of Mortality per cent. in the Town and Rural Districts of Scotland, during each Quarter of the Years 1861 to 1871.

Districts.	Population enumerated.		Quarter ending	Annual Per-centage of Mortality in each Quarter of the Years											
	1861.	1871.		1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	Mean of Ten Years.	1871
Town Districts, containing Towns of 3000 Inhabitants and upwards.	1,643,282	1,919,316	March	2·71	2·98	2·85	3·46	3·19	2·84	2·93	2·65	3·07	3·18	2·98	2·75
			June	2·44	2·61	2·71	2·77	2·61	2·76	2·59	2·52	2·90	2·56	2·65	2·62
			Sept.	2·04	2·14	2·50	2·51	2·48	2·32	2·22	2·59	2·47	2·44	2·37	2·37
			Dec.	2·33	2·57	2·83	2·67	2·66	2·76	2·52	2·75	2·96	2·55	2·66	2·73
			Year	2·41	2·56	2·72	2·85	2·74	2·67	2·58	2·63	2·85	2·68	2·67	2·62
Rural Districts, embracing the remainder of Scotland.	1,419,012	1,439,297	March	1·42	2·05	2·06	2·25	2·03	1·93	1·75	1·79	1·89	2·20	1·94	1·79
			June	1·68	1·87	1·86	1·90	1·68	1·87	1·73	1·64	1·82	1·74	1·78	1·61
			Sept.	1·42	1·52	1·64	1·56	1·50	1·53	1·45	1·49	1·54	1·57	1·52	1·49
			Dec.	1·55	1·56	1·75	1·66	1·63	1·77	1·55	1·59	1·72	1·64	1·64	1·71
			Year	1·62	1·74	1·83	1·84	1·70	1·78	1·62	1·63	1·75	1·80	1·72	1·65

which prevented their participating in the salubrity of other districts, and more especially of the Rural Districts. How far these causes were connected with the prevalence of epidemics will be seen in some of the succeeding sections of this Report; but it seems not unnatural to infer that the massing of an ever-increasing mass of human beings in our Principal Towns, and the slow progress of sanitary improvements in these great centres, may, even in the absence of epidemics, in some measure account for the increased mortality which has recently occurred in them.

MARRIAGES.

During 1871 there were 23966 Marriages registered in Scotland, being 178 more marriages than were registered during the year 1870, and showing a marriage-rate of fully 71 marriages in every ten thousand persons. This rate is almost exactly the same as that observed in 1870. The mean marriage-rate of the ten years immediately preceding 1870 was 70 marriages in every ten thousand persons, so that the marriage-rate of 1871 has been decidedly above the average of recent years.

The general law which connects the birth-rate and death-rate with the relative degree of aggregation of the population may likewise be traced in the numbers which represent the marriage-rate, marriages being presumably most numerous where the population is most dense, and least numerous where the popultion is most sparsely scattered. Thus, for every ten thousand persons in the groups of districts in 1871, there were registered 91 marriages in the Principal Towns, 80 marriages in the Large Towns, 69 marriages in the Small Towns, but only 55 marriages in the Rural Districts.

During the ten years 1861–70, for every ten thousand persons in each of these groups of districts, there occurred annually 91 marriages in the Principal Towns, 77 marriages in the Large Towns, 69 marriages in the Small Towns, and 55 marriages in the Rural Districts. These numbers sufficiently prove that in Scotland during 1871 the marriage-rate has been above the mean rate of the decennium terminating with 1870. In the Principal Towns, Small Towns, and Rural Districts, the mean annual rate

TABLE VIII.—Births, Deaths, and Marriages, and their Proportion to the Population, of the Eight Principal Towns of Scotland, during each of the Years 1855 to 1871 inclusive.

YEARS.	Population estimated to the middle of each year.	BIRTHS.		DEATHS.		MARRIAGES.	
		Number.	Per cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population.
1855	826,648	28,245	3·41	22,740	2·75	6934	0·84
1856	836,633	31,885	3·81	22,248	2·65	7411	0·88
1857	846,628	32,869	3·88	23,361	2·76	7495	0·88
1858	856,613	32,555	3·80	23,420	2·73	6863	0·80
1859	866,698	33,018	3·80	22,345	2·57	7541	0·87
1860	876,683	32,945	3·75	26,028	2·95	7660	0·87
1861	889,204	34,331	3·86	23,130	2·60	7733	0·87
1862	906,366	34,443	3·80	24,965	2·75	7694	0·85
1863	923,801	35,895	3·88	27,030	2·93	8593	0·93
1864	941,511	37,072	3·94	28,828	3·06	8884	0·94
1865	959,500	38,075	3·97	28,499	2·97	9320	0·97
1866	977,770	38,552	3·96	27,448	2·81	9450	0·97
1867	996,321	39,012	3·91	26,511	2·66	8867	0·89
1868	1,015,168	39,513	3·89	28,031	2·76	8606	0·85
1869	1,034,298	39,515	3·82	31,450	3·04	9161	0·88
1870	1,053,734	40,481	3·84	28,493	2·70	9730	0·92
1871	1,073,440	40,442	3·77	31,401	2·92	9792	0·91

NOTE.—All these Tables being made up from the Registrars' Returns, we have not the means of correcting the slight discrepancies between them and the Quarterly figures, as the Registration Books are not received at this Office for many months.

of the decennium is likewise seen to be the mean rate of marriages in 1871; while in the Large Towns, those containing populations of from 10000 to 25000 inhabitants, the marriage-rate of 1871 has been 80 for every ten thousand persons, instead of 77, which was the mean annual rate during the ten years 1861–1870, inclusive. When contrasted, however, with the unusually high marriage-rate of 1870 alone, that of 1871 is found to be decidedly lower both in the Principal Towns and Large Towns; but in the Small Towns and Rural Districts the same rates were observed during both years.

The number of marriages in a country, or even in a district, is of course much influenced by the degree of prosperity which from time to time prevails among its inhabitants. When work is abundant, wages high, and provisions cheap, it is natural that marriages should become numerous. Hence, too, it may in a general way be inferred, that if during a certain period the marriage-rate of a country has been exceptionally high, the material prosperity and prospects of commerce in that country have been commensurate. Applying these considerations to the observed marriage-rate of 1871, it seems fair to conclude that there has been an average amount of prosperity and commercial activity at the great industrial centres of the country, and that the development of new sources of industry and human welfare has been most shown in the districts represented by our Large Towns.

The following facts were noted in the Quarterly Returns:—One of the births recorded at Deerness was the first child of parents who had been married for twelve years. The mother of an illegitimate child born at Peterhead on 16th July 1871 was herself born on 19th January 1857, she thus being, at the birth of her child, only 14½ years of age. At Banchory-Devenick a coachman, aged 33 years, died from glanders, having caught the disease from his horses.

TABLE IX.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1871, in each of the Eight Principal Towns of Scotland; also, the Illegitimate Births and their Proportion to the Total Births.

Towns.	Population estimated to the middle of 1871.	BIRTHS.		ILLEGIT. BIRTHS		DEATHS.		MARRIAGES.	
		Number.	Per Cent. to Pop.	Number.	Per Cent. to Total Births.	Number.	Per Cent. to Pop.	Number.	Per Cent. to Pop.
Glasgow	479,922	18856	3·93	1766	9·4	15785	3·29	4617	0·96
Edinburgh	201,766	6879	3·41	585	8·5	5440	2·69	1758	0·87
Dundee	121,535	4552	3·74	545	12·0	3330	2·74	1053	0·86
Aberdeen	88,569	3112	3·51	398	12·8	1992	2·25	671	0·76
Paisley	48,272	1822	3·77	130	7·1	1454	3·01	495	1·02
Greenock	60,245	2551	4·23	142	5·5	1770	2·94	538	0·89
Leith	46,753	1852	3·96	100	5·4	1080	2·31	437	0·93
Perth	26,378	818	3·10	90	11·0	550	2·08	223	0·84

EIGHT PRINCIPAL TOWNS OF SCOTLAND.

In order that the authorities and public may be put in early possession of all available information as to the rates at which Births, Deaths, and Marriages occur throughout the country, two sets of Reports, termed the Weekly and Monthly, are regularly issued from this office. The data on which these Reports are founded are derived from the Returns contributed by our Eight Principal Towns alone. It is believed, however, that these partial Returns afford a tolerably fair view of the condition of the population throughout the whole of Scotland; for these Eight Towns include about one-third of the whole population of the country; they are situated widely apart; the circumstances and occupations of their inhabitants are of course rather various; while the atmospheric conditions, incident to the respective climates of the east and west coasts of Scotland, may naturally be expected to have a marked influence on the returns from such towns as Edinburgh, Leith, Perth, Dundee, and Aberdeen on the one hand, and from Glasgow, Paisley, and Greenock on the other. In the Weekly Reports the mere numbers of births, deaths, and marriages occurring in each of these towns during the week which is reported on are recorded; but in the Monthly Reports account is likewise taken of the ages of those who have died, and of the diseases to which they have succumbed. In both classes of Reports there are inserted full meteorological particulars, drawn up from observations made in each of the Eight Principal Towns during the period embraced in each Return. It is hardly possible that any cause can long affect the sanitary condition of any considerable portion of the population of Scotland, without announcing its existence through the medium of our short-period Reports from the Eight Principal Towns.

BIRTHS IN THE EIGHT TOWNS.

40442 Births were registered in the Eight Principal Towns of Scotland during the year 1871, being at the rate of 37·7 in every thousand of the population, or 3·77 per cent. This number of births is less by 39 than that recorded in 1870, but, with this solitary exception, it is the largest number which has yet been returned by the Eight Towns. Reference to Table VIII will show that the birth-rate has fallen, and that during 1871 it has been lower than during any year since 1860.

TABLE X.—Per-centage of Deaths to the Population in each of the Eight Principal Towns of Scotland, during each of the Years 1861-1871.

TOWNS.	Per-centage of Deaths to the Population.											
	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	Mean of Ten Years.	1871.
Glasgow	2·75	2·86	3·24	3·27	3·28	2·98	2·88	3·12	3·47	3·05	3·09	3·29
Edinburgh . . .	2·44	2·77	2·60	2·69	2·78	2·75	2·71	2·70	3·04	2·64	2·71	2·69
Dundee	2·60	2·79	2·87	3·25	3·10	3·20	2·98	2·91	3·51	3·10	3·03	2·74
Aberdeen . . .	2·40	2·59	2·35	2·87	2·65	3·11	2·43	2·69	2 36	2·54	2·60	2·25
Paisley	2·54	2·64	2·56	3·20	2·97	2·83	2·81	2·57	3·05	2·85	2·80	3·01
Greenock . . .	2·52	3·06	4·13	4·19	3·59	3·10	2·99	3·41	3·55	3·35	3·39	2·94
Leith	2·12	2 38	2·47	2·49	2·52	2·43	2·77	2·51	2·95	2·67	2·53	2·31
Perth	2·62	2·35	2·46	3·28	2·73	2·28	2·10	2·31	2·54	2·33	2·50	2·08

In the several towns the birth-rate has varied considerably, having been highest in Greenock, and lowest in Perth. Thus, for every thousand persons in each of the Towns during the year, there occurred 31·0 births in Perth, 34·1 in Edinburgh, 35·1 in Aberdeen, 37·4 in Dundee, 37·7 in Paisley, 39·3 in Glasgow, 39·6 in Leith, and 42·3 in Greenock. These rates, it must be here remarked, differ considerably from those which were stated in our last Annual Report, and are for the most part lower than those deduced from the data then at our disposal. This is obviously explicable by the fact, that the inevitable errors in the estimate of the population had last year reached a maximum; while, in consequence of the more exact information furnished by the recent census, such errors may at present be regarded as at a minimum. It is interesting to observe that in Paisley, where the estimated population of 1870 and the corrected estimate for 1871 differ by only 845 in favour of the latter year, the birth-rate of 1871 is slightly higher than that of 1870, the respective numbers being 37·7 and 36·1 per thousand. It is still more interesting to examine the numbers furnished by the town of Perth, where the estimated population for 1870 was actually in excess of the newly-corrected estimate for 1871 by the here very considerable number 1029, and where we find the birth-rate of 1871 to have been 31·0, while the estimated birth-rate of 1870 was in our last Annual Report stated at only 29·7 per thousand.

Of the 40442 Births in the Eight Towns, 36686 were legitimate and 3756 illegitimate, indicating that 9·28 per cent. of the births were illegiti-

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TABLE XI.—Per-centage of Deaths from different Diseases to the Population in each of the Eight Principal Towns of Scotland during the Year 1871, allowing for the causes not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Leith.	Perth.
TOTAL DEATHS.	2·925	3·289	2·696	2·737	2·249	3·012	2·938	2·310	2·085
I. Zymotic Diseases .	0·727	0·766	0·737	0·860	0·520	0·605	0·753	0·656	0·306
III. Tubercular Diseases	0·519	0·627	0·409	0·431	0·410	0·581	0·506	0·320	0·449
IV. Brain Diseases . .	0·229	0·204	0·251	0·208	0·223	0·263	0·203	0·219	0·213
V. Heart, etc., Diseases	0·121	0·108	0·165	0·113	0·126	0·110	0·109	0·101	0·125
VI. Respiratory Organs .	0·593	0·781	0·466	0·459	0·330	0·501	0·527	0·309	0·312
VII. Digestive Organs .	0·194	0·236	0·145	0·130	0·167	0·286	0·205	0·148	0·110
XIII. Debility, Premat. Birth	0·142	0·155	0·107	0·174	0·110	0·127	0·169	0·137	0·103
XV. Old Age . . .	0·109	0·097	0·101	0·127	0·108	0·216	0·104	0·101	0·186
XVII. Violent Deaths .	0·088	0·097	0·087	0·065	0·051	0·086	0·147	0·077	0·065
Small-pox . . .	0·082	0·038	0·084	0·311	0·037	0·006	0·051	0·176	0·034
Measles . . .	0·135	0·203	0·117	0·015	0·111	0·091	0·089	0·041	0·011
SCARLATINA . .	0·088	0·069	0·169	0·017	0·061	0·061	0·181	0·114	0·015
Diphtheria . .	0·032	0·024	0·076	0·011	0·013	0·019	0·024	0·043	0·011
HOOPING-COUGH .	0·086	0·113	0·025	0·142	0·085	0·019	0·080	0·006	0·072
Croup . . .	0·039	0·044	0·038	0·019	0·033	0·034	0·039	0·064	0·042
DIARRHŒA . .	0·073	0·069	0·052	0·139	0·054	0·076	0·055	0·101	0·042
Dysentery . .	0·006	0·004	0·005	0·012	0·008	0·000	0·009	0·006	0·000
Cholera . . .	0·003	0·003	0·002	0·002	0·001	0·002	0·007	0·004	0·000
All FEVERS . .	0·138	0·151	0·106	0·150	0·059	0·239	0·166	0·073	0·061
Viz. Typhus . .	0·058	0·060	0·049	0·061	0·014	0·153	0·097	0·024	0·023
Enteric . .	0·039	0·038	0·040	0·054	0·036	0·027	0·039	0·034	0·027
Relapsing .	0·031	0·052	0·008	0·028	0·003	0·040	0·018	0·011	0·004
Continued .	0·002	0·004	0·001	0·001	0·001	0·000	0·003	0·002	0·004
Infantile .	0·006	0·005	0·007	0·005	0·003	0·019	0·007	0·002	0·004
Dropsy . . .	0·025	0·026	0·015	0·030	0·017	0·053	0·027	0·028	0·019
Cancer . . .	0·044	0·039	0·068	0·039	0·047	0·051	0·025	0·019	0·042
PHTHISIS . .	0·359	0·437	0·276	0·311	0·278	0·412	0·356	0·185	0·319
Apoplexy . . .	0·048	0·047	0·050	0·053	0·039	0·072	0·034	0·047	0·057
Paralysis . . .	0·062	0·049	0·078	0·051	0·066	0·121	0·058	0·064	0·091
Convulsions . .	0·044	0·049	0·034	0·062	0·038	0·017	0·036	0·062	0·004
BRONCHITIS . .	0·429	0·571	0·297	0·356	0·257	0·367	0·399	0·282	0·224
Pneumonia .	0·117	0·157	0·108	0·073	0·042	0·095	0·098	0·086	0·065
Teething . . .	0·052	0·071	0·015	0·042	0·041	0·074	0·080	0·024	0·019

mate. As usual, the proportions of illegitimacy varied greatly in the different towns. Thus, in Leith only 5·4, and in Greenock only 5·5 per cent. of the births were illegitimate; in Paisley, 7·1 per cent.; in Edinburgh, 8·5 per cent.; in Glasgow, 9·4 per cent.; in Perth, 11 per cent.; in Dundee, 12·0 per cent.; and in Aberdeen, 12·8 per cent.

Of the children born during the year, 20761 were boys and 19663 girls, indicating that nearly 105·6 boys were born for each 100 girls.

DEATHS IN THE EIGHT TOWNS.

31401 Deaths were registered in the Eight Towns during the year 1871, being in the proportion of 29·2 deaths in every thousand of the newly estimated population. There have consequently been 2908 more deaths during 1871 than occurred during 1870. It appears that this increase of deaths has been felt in all the towns, with the exception of Perth, in which last town the deaths of 1871 have been fewer by 91 than those of 1870. The increase elsewhere observed was most considerable in Glasgow and in Edinburgh, the respective increments being 1833 in the former, and 734 in the latter town. Unless, however, regard be paid to the actual population of each town, to the ages of its inhabitants, and to the rate at which the population of each has recently been increasing by births and immigration, mere statements of the annual increase or diminution in the numbers of deaths convey no very definite idea, and are rather apt to mislead. A far

TABLE XII.—Per-centage of Deaths from different Diseases to the Total Deaths in each of the Eight Principal Towns of Scotland during the Year 1871, allowing for the causes of Death not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Leith.	Perth.
I. Zymotic Diseases .	24·86	23·29	27·36	31·39	23·13	20·08	25·64	28·40	14·42
III. Tubercular Diseases	17·75	19·07	15·18	15·72	18·23	19·31	17·25	13·87	21·53
IV. Brain, etc., Diseases	7·81	6·84	9·32	7·59	9·90	8·74	6·82	9·50	12·04
V. Heart, etc., Diseases .	4·14	3·27	6·12	4·14	5·60	3 66	3·73	4·37	6·02
VI. Respiratory Organs .	20·27	23·75	17·28	16·78	14·70	16·63	17·95	17·04	14·96
VII. Digestive Organs .	6·65	7·17	5·39	4·75	7·42	9·51	6·99	6·42	5·29
XIII. Debility, Premat. Birth	4·86	4·72	3·98	6·35	4·90	4·23	5·77	5·96	4·93
XV. Old Age . . .	3·76	2·93	3·74	4·62	4·80	7·19	3·55	4·37	8·94
XVII. Violent Deaths . .	3·02	2·96	3·23	2·39	2·27	2·82	5·01	3·35	3·10
Small-pox . .	2·83	1·15	3·12	11·34	1·66	0·21	1·76	7·63	1·46
Measles . . .	4·62	6·18	4·35	0·57	4·94	3·03	3·03	1·77	0·54
SCARLATINA .	3·01	2·10	6·22	0·63	2·73	2·04	6·18	4·93	0·73
Diphtheria . .	1 09	0·73	2·82	0·42	0·61	0·63	0·82	1·86	0·54
HOOPING-COUGH.	2·93	3·43	0·94	5·20	3·79	0·63	2·74	0·28	3·47
Croup . . .	1·35	1·34	1·44	0·69	1·46	1·13	1·34	2·79	2·01
DIARRHŒA . .	2·49	2·10	1·94	5·05	2·42	2·54	1·86	4·37	2·01
Dysentery . .	0·19	0·13	0·18	0·45	0·35	0·00	0·29	0·28	0·00
Cholera . . .	0·10	0·09	0·09	0·09	0·05	0·07	0·23	0·19	0·00
All FEVERS . .	4·71	4·85	3·95	5·47	2·63	7·96	5·65	3·16	2·96
Viz. Typhus .	1·99	1·83	1·83	2·24	0·66	5·07	3·32	1·02	1·09
Enteric .	1·34	1·15	1·49	1·99	1·62	0·92	1·34	1·49	1·28
Relapsing .	1·08	1·58	0·31	1·03	0·15	1·34	0·64	0·46	0·18
Continued .	0·09	0·12	0·04	0·03	0·05	0·00	0·12	0·09	0·18
Infantile .	0·21	0·16	0·28	0·18	0·15	0·63	0·23	0·09	0·18
Dropsy . . .	0·86	0·81	0·55	1·12	0·76	1·76	0·93	1·21	0·91
Cancer . . .	1·52	1·18	2·54	1·45	2·12	1·69	0·87	0·84	2·01
PHTHISIS . .	12·28	13·30	10·26	11·10	12·37	13.67	12·12	8·01	15·33
Apoplexy . . .	1·65	1·42	1·86	1·93	1·77	2·40	1·16	2·05	2·74
Paralysis . . .	2·12	1·51	2·90	1·87	2·93	4·02	1·98	2·79	4·33
Convulsions . .	1·52	1·50	1·29	2·27	1·72	0·56	1·22	2·70	0·18
BRONCHITIS .	14·67	17·36	11·01	13·00	11·46	12·19	13·58	12·20	10·77
Pneumonia . .	4·02	4·78	4·02	2·66	1·87	3·17	3·32	3·72	3·10
Teething . . .	1·77	2·15	0·55	1·54	1·82	2·47	2·74	1·02	0·91

more instructive view of the mortality of the Eight Towns may be obtained from Table X., and especially from its last three columns, in which the mortality per-centage of two years in immediate succession, 1870 and 1871, is contrasted with the mean mortality per-centage deduced from the Returns of the ten years terminating with 1870.

As usual, it is found that the death-rate has been far from uniform in the Eight Towns. Thus, for every thousand persons in each town, there were registered at the rate of 20·8 deaths in Perth, 22·5 in Aberdeen, 23·1 in Leith, 26·9 in Edinburgh, 27·4 in Dundee, 29·4 in Greenock, 30·1 in Paisley, and 32·9 in Glasgow.

Of the 31401 persons who died in the Eight Towns during the year, 13889 were under 5 years of age, 3568 were between 5 and 20 years of age, 9089 were between 20 and 60 years, and 4855 were above 60 years of age. This indicates that 44·2 per cent. of all who died were under 5 years of age, 11·4 per cent. between 5 and 20 years, 28·9 per cent. between 20 and 60 years, and 15·5 per cent. above 60 years of age.

In last Annual Report a special table was introduced to illustrate the mortality of children under 5 years of age; and if it could be assumed that the numbers of those living at ages under 5 years were approximately known for each of the Eight Towns, such a table might be here reintroduced with advantage. But till the inquiries connected with the recent census are completed, the numbers of those living under 5 years of age cannot be ascertained with the requisite accuracy; and it has consequently been determined that in the meantime no estimate of mortality, founded on the ratio of those living to those dying in early childhood, shall be presented. It may, however, be well to record the observed proportion between deaths at ages under 5 years and the total deaths in each of the Eight Principal Towns. In Perth, the per-centage of deaths at ages below 5 years to the total deaths at all ages was only 28·3 per cent.; in Paisley, 36·3; in Edinburgh, 38·2; in Aberdeen, 38·7; in Dundee, 41·2; in Leith, 43·5; in Greenock, 47·6; and in Glasgow, 48·6 per cent.

In the present Annual Report there is, for the first time, inserted, at p. 50, a table obtained by combining the Monthly Returns, and exhibiting in a general way the share which each group of diseases and each registered cause of death has had in the mortality of the Eight Towns, during each month of the year reported on. In this table the whole of the Eight Towns are treated as constituting a single district, and the months referred to are the ordinary calendar months, not adjusted or reduced to equal periods of time. If it be desired to form an estimate of the comparative salubrity of the Eight Towns, reference must be made to other tables of this Report. If it be desired to deduce the average intensity of any cause of death in the country at large, this may be done with tolerable accuracy by noting from month to month the number of deaths attributed to that cause in the new table. Each number, when divided by the number of days in the corresponding month, of course gives the average daily mortality for the month. But, even in its present form, the new table presents a sufficiently suggestive view of the main features of mortality throughout the whole of Scotland at twelve different periods of the year, and will be found especially useful when it is desired to trace the influence of seasons, in connection with the spread and subsidence of epidemics and general causes of mortality, in our more densely populated districts.

The class of Zymotic (epidemic and contagious) diseases caused 7722 deaths in the Eight Towns during 1871, thus proving fatal to 72·7 persons

in every ten thousand of the population, and occasioning 24·86 per cent. of the total registered deaths. Although these numbers do not quite amount to those obtained as a ten years' average, they are considerably in excess of those given in last Annual Report; and when viewed in conjunction with the rather heavy mortality from all causes experienced in 1871, they at once prepare us to find that certain epidemic disorders have during the past year shown a marked tendency to increase, or that they have assumed an unusually malignant character in certain towns.

The relative mortality from epidemic diseases has, as usual, varied very much in the Eight Towns. Those in which the per-centage of deaths from zymotic disease has increased are,—Dundee, where the rate has been 31·39 per cent. in 1871, against 25·28 in 1870; Leith, with 28·40 per cent. in 1871, against 23·41 in 1870; Edinburgh, with 27·36 per cent. in 1871, against 18·57 in 1870; Glasgow, with 23·29 per cent. in 1871, against 21·03 in 1870; Aberdeen, with 23·13 per cent. in 1871, against 19·02 in 1870. In three of the towns, however, the relative numbers of the deaths occasioned by zymotic diseases were lower during 1871 than in 1870. Thus in Greenock the rate was 25·64 per cent. in 1871, against 27·35 in 1870; in Paisley it was 20·08 in 1871, against 21·99 in 1870; and in Perth it was only 14·42 per cent. in 1871, against 21·35 per cent. in 1870.

A very slight examination of Table XII. suffices to show that the same epidemic disease has not been always the most fatal in each of the Eight Towns. The singular fluctuations in the proportion of deaths caused from time to time in the various towns by such diseases as Measles, Scarlatina, and Hooping-cough, have been repeatedly pointed out, and have even seemed to justify the enunciation of a general law affecting these disorders of childhood, viz. "that while in any of our towns an epidemic disease prevails very extensively among the youthful population, other epidemic disorders for the most part become less frequent or less fatal." There can be little doubt that such a general law exists, for it is merely the expression of statistical facts deduced from the sure basis of large numbers, and repeatedly verified. It must not, however, be inferred that the existence of such a law can always be illustrated by the record of a single year's mortality in a town which may happen to have suffered severely from epidemic diseases; for the mere annual returns may include the records of several successive and equally serious epidemics, say of Scarlatina, of Measles, of Hooping-cough, and of Small-pox. During each of these successive epidemics, all the others may have fallen into abeyance, so that no two of them can be said to have co-existed; and at the end of a year an annual return may show that each disease has proved fatal to more than an average number of children. It is obvious that in such a case it is from the monthly, or short-period returns, that illustration of the law above referred to must be sought.

Glasgow has suffered more from the prevalence of Measles than from any other epidemic. The deaths from this cause alone were 965, or 6·18 per cent. of the deaths from all causes. Fevers caused 757 deaths, being 4·85 per cent. of the whole mortality. It is remarkable that 247, or very nearly one-third of these deaths were due to Relapsing Fever, a form of disease usually far less fatal than Typhus and Enteric Fever. Hooping-cough caused 535 deaths, constituting 3·43 per cent. of the mortality. Scarlatina and Diarrhœa each proved fatal to 328 persons; consequently each of these diseases caused 2·1 per cent. of the total deaths. The deaths from Small-pox were 180, or 1·15 of the mortality. Most of these deaths

from Small-pox occurred before October; and when the large population of Glasgow is considered, the disease can hardly be said to have hitherto assumed serious proportions as an epidemic there during 1871. Bronchitis, which was in last Annual Report said to have prevailed to a most unusual extent, has in 1871 been even more fatal, having carried off no fewer than 2780 persons, and thus occasioned 17·36 per cent. of the total deaths.

Edinburgh suffered rather severely from Scarlatina, the deaths from this cause having been 341, or 6·22 per cent. of the mortality. The allied disease, Diphtheria, caused 153 deaths, or 2·82 per cent. of the deaths from all causes. Diphtheria was very rife in 1870, but its prevalence during 1871 has far exceeded that recorded in former Annual Reports. Measles, too, has prevailed extensively, having caused 236 deaths, or 4·35 per cent. of the mortality. In illustration of what has been elsewhere remarked regarding the laws which regulate epidemics, it is interesting to observe that the deaths from Measles took place early in the year, and were by far most numerous in April, May, and June; but that during the last quarter of the year Scarlatina and Diphtheria became the ruling epidemics, and that in proportion as they spread, Measles declined in frequency. Fevers, chiefly in the forms of Typhus and Enteric Fever, caused 214 deaths, or 3·95 of the mortality, showing a tendency to increase in fatality towards the end of the year. Small-pox caused 169 deaths, or 3·12 per cent. of the general mortality. The first two deaths from this cause occurred in April, and up to the end of September only 29 fatal cases had been registered; but during the last quarter of the year the numbers of deaths rapidly increased, being 8 in October, 31 in November, and 101 in December. Diarrhœa caused 105 deaths, or 1·94 per cent. of the mortality. The fatality of Hooping-cough was unusually low, being only 51 deaths, or ·94 per cent. of the total deaths. The other epidemic diseases seem to call for no remark at present.

Dundee has suffered more from Small-pox than from any other epidemic. The deaths from Small-pox amounted to 375, or to 11·34 per cent. of the whole deaths. Fatal cases had been very rare till July, when 13 occurred. These were followed by 30 deaths in August, 30 in September, 63 in October, 88 in November, and 158 in December. Fevers carried off 181 persons—a heavy mortality—representing 5·47 per cent. of the deaths from all causes. It was during the last few months of the year that the deaths from Fever were most numerous. Hooping-cough proved fatal to 172 persons, a mortality of 5·20 per cent. of all deaths in Dundee. This number of deaths, which is considerably above the average, occurred chiefly in the months of January, February, March, and December. Diarrhœa was the cause of 167 deaths—a mortality of 5·05 per cent.—far exceeding that experienced in any other of the Eight Towns. The disease appears to have been most fatal to children under five years of age; for, out of 167 deaths, no less than 135, or nearly 81 per cent., took place at that early age. The mortality from all other epidemic disorders was inconsiderable. Bronchitis, however, appears to have been again exceedingly prevalent, having been the cause of 430 deaths, representing 13·00 per cent. of the total deaths of 1871.

In Aberdeen the epidemic which has been most destructive is Measles. The deaths from this cause were 98, or 4·94 per cent. of the mortality. Not a single death from Measles was registered during the first or second quarters of the year, and of the 98 deaths, 88 occurred during November and December. Hooping-cough caused 75 deaths, or 3·79 per cent. of the

mortality; Scarlatina, 54 deaths, or 2·73 per cent.; Fevers, chiefly Enteric Fever, 52 deaths, or 2·63 per cent. Small-pox proved fatal to 33 persons, a mortality of 1·66 per cent. of the deaths from all causes. Up to the 1st of October only 6 deaths from Small-pox had taken place. In October there died 4; in November, 3; and in December, 20.

In Paisley there died of Fevers 113 persons, being at the rate of 7·96 per cent. of the total deaths. Of these deaths 72 were due to Typhus, 19 to Relapsing Fever, and 13 to Enteric Fever. This is a heavy mortality, and much exceeds that recorded in any other of the Eight Towns during 1871. Measles carried off 43 persons, a mortality of 3·03 per cent. of all deaths; Scarlatina, 29 deaths, or 2·04 per cent.; Diarrhœa, 36, or 2·54 per cent.; Bronchitis, 173, or 12·19 per cent. The mortality from Hooping-cough was very low, differing greatly from that experienced at Glasgow, Greenock, Aberdeen, Dundee, and Perth. The deaths were only 9 in number, and the per-centage of deaths from Hooping-cough was consequently 0·63 of the mortality from all causes.

In Greenock the most destructive of the zymotic diseases was Scarlatina, which caused 106 deaths, or 6·18 per cent. of the whole deaths. It is interesting to note that, in conformity with the law of epidemics, the deaths from Scarlatina became frequent only during the last four months of the year, and that during these months deaths from Measles became of rare occurrence. Fevers accounted for 97 deaths, constituting the rather considerable proportion of 5·65 per cent. of the whole mortality. The forms of Fever in their order of fatality were, Typhus, with 57 deaths; Enteric Fever, with 23 deaths; and Relapsing Fever, with 11 deaths. Measles proved fatal to 52 persons, constituting a mortality of 3·03 per cent., the very same rate which was observed in the neighbouring town of Paisley, and less than half the rate experienced during the same period in Glasgow. The deaths from Hooping-cough were 47, or 2·74 per cent. of all recorded deaths; from Diarrhœa, 32, or 1·86 per cent.; and from Small-pox, 30, or 1·76 per cent. Of the 30 fatal cases of Small-pox, 26 occurred during the first six months of the year, and none in November or December. As in Glasgow and in Paisley, the deaths from Bronchitis have been very numerous, amounting in number to 233, and constituting 13·58 per cent. of the whole mortality.

Leith has suffered severely from Small-pox, 82 fatal cases having occurred, constituting 7·63 per cent. of the whole deaths from specified causes. This rate has been exceeded in Dundee alone. The two first deaths from Small-pox occurred in Leith in August, and were followed by 3 in September, 9 in October, 19 in November, and 49 in December. Scarlatina caused 53 deaths, or 4·93 per cent. of the whole mortality; Diarrhœa, 47 deaths (43 of which occurred in children under five years of age), or 4·37 per cent. of the mortality; Fevers, of which the Enteric was the most frequent form, 34 deaths, or 3·16 per cent. There were 20 deaths from Diphtheria, giving a per-centage on the whole mortality of 1·86, an amount exceeded in Edinburgh alone, where the mortality from the kindred disease, Scarlatina, was likewise proportionately high. The mortality from Measles was, as in Perth and Dundee, exceptionally low. There were only 3 deaths from Hooping-cough. The deaths from Bronchitis were 131, or 12·30 per cent. of all deaths, while the victims of Phthisis were only 86, or 8·01 per cent. of the whole mortality. Croup was the cause of 30 deaths, or of 2·79 per cent. of all deaths registered.

Perth was, during 1871, the most healthy of the Eight Towns, whether as regards the per-centage of all deaths to the population, or as regards the per-centage of the whole mortality which the deaths from zymotic diseases constitute. None of the epidemic diseases can be said to have been unusually fatal. Even in the case of Hooping-cough, which caused 19 deaths, a per-centage of 3·47 of the total mortality, the numbers are so small as hardly to warrant comparison with the statistics of other towns. There were 8 deaths from Small-pox: 1 in March, 1 in July, 2 in November, and 4 in December. 11 children died of Croup, a mortality of about 2·01 per cent. The mortality from Fevers, Diarrhœa, Scarlatina, and Measles, was well within the average. Bronchitis carried off 59 persons, or 10·77 per cent. of those who died. Phthisis Pulmonalis caused 84 deaths, or 15·33 per cent. of all recorded deaths.

If we combine the returns from all the Eight Towns, and consider the relative frequency with which deaths from the various epidemic diseases have occurred, it is found that Fever has, as usual, been the most destructive of these. Its victims have been 1464, or 4·71 per cent. of those dying from all causes. This, however, is less than the average mortality from Fever, which in general embraces at least 5 per cent. of the whole deaths in the Eight Towns. Under the head of Fever there are arranged, in order of fatality, Typhus, with 618 deaths; Enteric Fever, with 418 deaths; Relapsing Fever, with 337; besides Infantile and Continued Fevers, with 64 and 27 deaths respectively. Upon the two last-mentioned forms it seems unnecessary to offer here any remarks; but the relative frequency of deaths from the first three forms has, during the past year, presented some peculiarities which deserve attention. Typhus has decidedly diminished in frequency. In 1870 it caused ·089 per cent. of deaths among the population of the Eight Towns; but in 1871 the rate has been only ·058 per cent. This is an exceedingly satisfactory state of matters; for the prevalence and fatality of Typhus are favoured by misery and squalid pauperism in large cities more than by any other cause; and multiplied experience has shown that an unusual amount of destitution seldom long exists in any of our Eight Towns without proclaiming its presence by an unusual spread of Typhus. Hence, when the death-rate due to Typhus is low, it may be roughly inferred that there has been at least no unusual amount of suffering among the poorer classes in the great towns.

Enteric Fever has, during 1871, been far more prevalent than usual. Even when the deaths from Infantile Fever are excluded from the computation, it is found that Enteric Fever, with its 418 deaths, has proved fatal to ·039 per cent. of the population; if the deaths from Infantile Fever are included, the rate becomes ·045 instead of ·033 per cent., which was the ratio in which the population died from this form of fever in 1870. It is impossible to doubt that the conditions on which Enteric Fever depends are generated or fostered by defective sanitary arrangements, by faulty drainage, and, above all, by the contamination of water supply by decaying animal matter, or by the absorption of sewer gases. It is obvious, therefore, that the records of the recent mortality from Enteric Fever, particularly in such towns as Edinburgh, Greenock, and Dundee, should direct the attention of the authorities to the possible existence of defects in our sanitary system, which an enlightened and vigilant supervision may in great measure remove.

Relapsing Fever has been very prevalent in Glasgow and in Paisley, particularly in the former of these towns, where the deaths from this cause

constituted 1·58 per cent. of the whole deaths from specified causes. Of the towns on the east coast, Dundee alone seems to have suffered considerably from this disease. The deaths in Glasgow were most numerous during the first quarter of the year, and appear to have greatly diminished in frequency after March, though there was again a tendency to increase during November. It was only about the end of the year that this form of Fever began to show the epidemic character in Dundee, and at the end of December there was no sign of its abatement in that town. The mortality from Relapsing Fever in the Eight Towns has been ·031 per cent. of the population—a rate more than double of that experienced during the previous year. In Glasgow alone, the deaths amounted to ·052 per cent. of the population. It must be confessed that little is known of the circumstances which produce an epidemic of Relapsing Fever. As in the case of Typhus, it is generally found to be most readily diffused where large bodies of working-men are densely congregated in overcrowded dwellings; but there seems no sufficient reason for believing that it is necessarily connected with want of food or employment.

From Diphtheria the deaths were 339, constituting 1·09 per cent. of the whole mortality, and removing ·032 per cent. of the population. This disease appears to have greatly increased in frequency during the last few years. Its prevalence often co-exists with that of Scarlatina; and, accordingly, it is found that wherever in the Eight Towns the deaths from Diphtheria have been numerous, Scarlatina has been epidemic. That the converse does not hold good is, however, proved by the returns from Greenock, where the deaths from Scarlatina were 106, while those attributed to Diphtheria were only 14. In general, it may be stated that during 1871 the deaths from Scarlatina and Diphtheria respectively were as 3 to 1.

The large number of 880 deaths from Small-pox is this year recorded in the Eight Towns. These deaths constitute 2·83 per cent. of the total mortality, and represent the loss of ·082 per cent. of the population. The proportions in which this mortality has been distributed among the Eight Towns have been fully stated in previous paragraphs of this Report, and may be conveniently studied by reference to Tables XI. and XII. It seems only necessary here to remark that the disease, which towards the end of 1870 had threatened to assume the epidemic form in Greenock and in Glasgow, began to decline in these towns during the second quarter of 1871; but that deaths again became rather numerous in Glasgow during November and December, although during these months Greenock seems to have been free from the disease. In the towns on the east coast, however, there were not more than one or two deaths from Small-pox till May, when the disease began to show itself in Dundee and in Edinburgh. It was only in December that fatal cases of Small-pox became frequent in Aberdeen. The excellent Vaccination Act in force in Scotland seems hitherto to have prevented the occurrence of any great mortality from Small-pox among children under 5 years of age; but there is reason to believe that among adults very many deaths have occurred which would have been prevented had the present Act come into operation some years earlier. The practices of adult vaccination and of re-vaccination, for which the Vaccination Act makes no provision, have received a great stimulus during 1871; and, fortunately, the obstacles interposed by ignorance and prejudice to the attempts made to protect the population against the loathsome plague of Small-pox, are in this country but rarely encountered. In former years it has been found that the deaths from Small-pox in the

Eight Towns have been, as nearly as possible, one half of the total deaths from Small-pox in all Scotland. It is probable, therefore, that during the course of 1871 the disease has proved fatal to at least 1760 persons in Scotland. It is rather remarkable that in the large town of Paisley only 3 deaths from Small-pox have occurred, while no less than 210 have been registered in the neighbouring towns of Glasgow and Greenock.

Diseases of Uncertain Seat caused the deaths of 947 persons, of whom 472 died of Cancer, and 267 of Dropsy.

The Tubercular Class of Diseases caused 5516 deaths. Of these 3815 were deaths from Pulmonary Consumption; while 978 were due to Hydrocephalus, 436 to Tabes Mesenterica, and 287 to Scrofula. The whole class of Tubercular diseases consequently furnished 17·75 per cent. of the total deaths, while Pulmonary Consumption furnished 12·28 per cent. of them. In ordinary circumstances, Phthisis causes more deaths than any other single disease; but during 1870 it was found that the deaths from Bronchitis were more numerous; and it now appears that during 1871 the mortality from Bronchitis has still more considerably exceeded that caused by Consumption. The mortality from Phthisis has varied much in the Eight Towns, as is seen when the deaths are contrasted, either with the population of each town, or with the number of deaths from all causes registered in each. If the towns be arranged in the order in which Consumption has been destructive to the population, it is seen that, of every ten thousand persons living in each town during 1871, Leith lost 18·5; Edinburgh, 27·6; Aberdeen, 27·8; Dundee, 31·1; Perth, 31·9; Greenock, 35·6; Paisley, 41·2; and Glasgow, 43·7. If regard be had to the percentage of the total mortality which Consumption has caused in each town, it is found to have been 8·01 per cent. in Leith; 10·26 per cent. in Edinburgh; 11·10 per cent. in Dundee; 12·12 per cent. in Greenock; 12·37 per cent. in Aberdeen; 13·30 per cent. in Glasgow; 13·67 per cent. in Paisley; and 15·33 per cent. in Perth.

From Diseases of the Brain and Nervous System, there have been in the Eight Towns 2428 deaths, constituting 7·81 per cent. of the whole mortality. Of the deaths in Perth 12·04 per cent. were due to Brain Diseases; but of the deaths in Greenock only 6·82 per cent. were caused by diseases of this class. Of every ten thousand inhabitants there died of Brain Diseases in Paisley 26·3, but only 20·3 in Greenock.

From Diseases of the Heart and Circulatory System, there were 1287 deaths, a mortality equivalent to 4·14 per cent. of the total deaths in the Eight Towns. The relative frequency of deaths from Heart Disease, whether as regards the population or the numbers dying from certified causes, was most considerable in Edinburgh.

Diseases of the Respiratory System caused 6298 deaths. This constitutes a mortality far above the average of recent experience. It amounts to 59·3 deaths out of ten thousand persons living during the year 1871, and it constitutes 20·27 out of every hundred deaths from specified causes. This is quite an exceptional observation; for, on an average of years, the mortality in Scotland from Diseases of the Respiratory System has been found very little to exceed 15 per cent. of the whole deaths. When considered with reference to the population, Glasgow is found to have suffered most severely of all the Eight Towns from this class of diseases, the deaths having amounted to 78·1 out of every ten thousand inhabitants. In Leith, on the other hand, the deaths from Diseases of the Respiratory System were only 30·9 out of every ten thousand inhabitants. As regards the total

deaths from specified causes, the destructive influence of Diseases of the Respiratory System is likewise well marked in Glasgow; for in that city 23·75 per cent. of deaths from all causes were attributed to Diseases of the Respiratory System, while in Aberdeen only 14·70 per cent. of the registered deaths were caused by disorders of the lungs, etc.

Comparing the mortality with the population, we find that during 1871 there died of Inflammatory Diseases of the Organs of Respiration, out of every ten thousand inhabitants of Leith, 30·9; of Perth, 31·2; of Aberdeen, 33; of Dundee, 45·9; of Edinburgh, 46·6; of Paisley, 50·1; of Greenock, 52·7; and of Glasgow, 78·1. If the Diseases of the Respiratory Organs are arranged in the order of their fatality, as compared with the deaths from all causes in each of the Eight Towns, the following per-centages are obtained: in Aberdeen, 14·70 deaths per cent. from Diseases of the Organs of Respiration; in Perth, 14·96 per cent.; in Paisley, 16·63; in Dundee, 16·78; in Leith, 17·02; in Edinburgh, 17·28; in Greenock, 17·95; and in Glasgow, 23·75.

On further analyzing the deaths from Diseases of the Respiratory System, it is found that there were 4558 fatal cases of Bronchitis, 1248 of Pneumonia, 148 of Asthma, 81 of Pleurisy, 48 of Laryngitis, and 215 of non-classified or non-specified Disease of the Lungs. Both Bronchitis and Pneumonia are thus seen to have been unusually fatal. This may have proceeded either from the prevalence of epidemic disorders, such as Measles and Hooping-cough, of which the inflammatory affections of the lungs are the frequent concomitants or sequelæ, or from atmospheric influences, of which some indication may be expected in the meteorological details which are reserved for after portions of this Report. The fatality of Bronchitis in the several towns was as follows:—Out of every ten thousand inhabitants, Perth lost by Bronchitis 22·4 persons; Aberdeen, 25·7; Leith, 28·2; Edinburgh, 29·7; Dundee, 35·6; Paisley, 36·7; Greenock, 39·9; and Glasgow, 57·1. From these figures it is very plainly seen that Bronchitis was, during 1871, more fatal on the west than on the east coast of Scotland, and that the inhabitants of Glasgow suffered in far higher ratio than those of any other of the Eight Towns. This is no new observation, but has been repeatedly made in these Annual Reports. It is difficult to imagine what there can be in the condition of the inhabitants of Glasgow which should render them peculiarly susceptible of the influences on which Bronchitis is believed to depend, yet it seems hardly possible to doubt that some unknown predisposing cause exists. It is curious to note that of those who died of Bronchitis in Paisley, 46·2 per cent. had not attained the age of five years, while in Glasgow 62·5 per cent., and in Greenock 69·5 per cent. of the deaths occurred at this early period of life.

From Diseases of the Organs of Digestion there died 2067 persons, being a mortality of 6·65 per cent. of the total deaths in the Eight Towns. The comparative mortality from this class of diseases varied considerably in the different towns. It was lower on the east than on the west coast; lowest in Perth, and highest in Paisley. The ratio of deaths from this class of diseases to ten thousand inhabitants in each of the Eight Towns was, in Perth, 11·0; in Dundee, 13·0; in Edinburgh, 14·5; in Leith, 14·8; in Aberdeen, 16·7; in Greenock, 20·5; in Glasgow, 23·6; and in Paisley, 28·6.

Diseases of the Kidneys and Urinary Organs caused 403 deaths; Diseases of the Uterus and Childbirth, 255 deaths; Diseases of the Bones and Joints, 142 deaths; Diseases of the Skin, 32 deaths; Malformations,

62 deaths; Debility and Premature Birth, 1510 deaths; Atrophy, 196 deaths; Age, without other specified cause of death, 1168 deaths; Sudden Deaths, the cause not specified, 94; and Deaths by Violence, Privation, etc., 940.

Of the 940 deaths from violent causes, 31 were cases of suicide. In 16 of these cases death was effected by hanging, in 6 by cut-throat, in 2 by drowning, in 2 by gunshot, in 1 by poisoning with prussic acid, in 1 by poisoning with opium, in 2 by strangulation, and in 1 by falling from a height. This proportion of deaths by suicide amounts to only one suicide out of every 1012 deaths, or to one death by suicide out of every 34627 inhabitants of the Eight Towns. It has been usual to mention the months in which suicide has been most frequent. There were 6 suicides in August, 6 in September, 4 in January, 4 in June, 3 in February, 2 in March, 2 in December, 1 each in April, May, July, and October, none in November.

MARRIAGES IN THE EIGHT TOWNS.

9792 Marriages were registered in the Eight Towns during 1871, being an increase of 62 marriages, or about 0·7 per cent. over the marriages registered in the previous year. The proportion of marriages has consequently been 91·2 for every ten thousand persons of the population, or one marriage to every 109·6 persons.

The proportion of marriages was lowest in Aberdeen, and highest in Paisley. Thus, for every ten thousand inhabitants of each town, there were 76 marriages in Aberdeen, 84 in Perth, 86 in Dundee, 87 in Edinburgh, 89 in Greenock, 93 in Leith, 96 in Glasgow, and 102 in Paisley. The proportions just given differ considerably from those recorded for 1870; but it is to be particularly noted that the estimated population of each of the Eight Towns for 1871 is founded upon data far more reliable than those which were available for statistical purposes before the completion of the recent Census.

WEATHER AND ITS INFLUENCE ON THE MORTALITY.

There are various circumstances which in Scotland give special facilities for tracing the connection between certain meteorological pheno-

TABLE XIII.—Monthly Mortality and Mean Temperature in Scotland during the year 1871, compared with the Mean of the Ten Years, 1855-1864.

	Year 1871.				1855-1864.	
Months.	Mean Temperature.	Actual Deaths.	Deaths when Months equalized to 31 Days.	Proportion to 12,000 per Annum, or 1000 per Month.	Monthly Proportion.	Mean Temperature.
January	33·8	6958	6958	1095	1134	37·2
February	41·0	6272	6956	1094	1193	37·4
March	42·6	6526	6526	1026	1145	39·8
April	42·5	6028	6229	979	1083	44·1
May	50·3	6642	6642	1044	1010	49·5
June	53·4	6045	6246	982	956	55·6
July	57·7	5694	5694	896	895	57·6
August	58·9	5774	5966	938	856	57·3
September	52·2	5367	5546	872	843	52·8
October	47·2	5833	5833	917	858	47·2
November	38·6	6198	6405	1007	954	40·2
December	38·0	7307	7307	1150	1073	38·6
Year	46·3	74,644	76,308	12,000	12,000	46·7

mena and the prevalence of disease. Among these circumstances may be enumerated the comparatively small area of the country, and the consequently general similarity of the atmospheric conditions at most of the meteorological stations where regular observations are made; the nature and extent of these observations, which have furnished trustworthy means for comparing the monthly means of any year with the corresponding means of ten years' observations; and the nature of the climate of Scotland, which seldom or never exhibits those extraordinary deviations from what may be termed the temperate standard, which in warmer latitudes appear to generate telluric miasmata, manifested by extensive epidemics of ague, yellow fever, and dysentery.

It may, in fact, be said that the effects of unusual heat are in this country seldom seriously detrimental to the public health, and are traceable only in the deaths from diarrhœa, and other bowel-complaints, which are apt to become frequent during a warm summer and autumn. The influence of cold is, however, very easily traced in the records of the deaths which take place in Scotland, and a very moderate reduction of the mean temperature of any month, is for the most part found to be associated with a corresponding increase in the death-rate. Not only do diseases of the Nervous, Circulatory, and Respiratory Systems increase in fatality under the influence of excessive cold, by the production of inflammatory and congestive disorders, and by the exhaustion of the vital energies of those who are the subjects of chronic diseases, but it has likewise been observed that various of the ordinary epidemic diseases acquire unusual frequency, or

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TABLE XIV.—Meteorology of Scotland for the Year 1871, deduced from observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General for 1871; also, the Number of Births, Deaths, and Marriages registered during each Month of the Year 1871.

1871.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YEAR.
Highest Temp. in shade	56°·2	58°·8	68°·9	66°·7	80°·0	78°·3	79°·2	86°·0	78°·0	68°·0	59°·0	59°·0	80°·0
Lowest Temp. in do.	7°·0	16°·0	7°·3	20°·0	18°·0	30°·0	34°·7	35°·0	24°·0	22°·3	12°·3	11°·0	7°·0
Mean Day Temp. . .	38°·2	45°·1	49°·1	49°·0	59°·1	61°·2	64°·6	66°·8	58°·8	53°·2	43°·5	43°·1	52°·6
Mean Night Temp. .	29°·4	37°·0	36°·2	35°·9	41°·5	45°·9	50°·7	51°·0	45°·6	41°·3	33°·7	33°·0	40°·1
Daily Range	8°·9	8°·2	12°·9	13°·1	17°·5	15°·3	13°·9	15°·8	13°·2	11°·9	9°·8	10°·1	12°·5
Mean Temperature .	33°·8	41°·0	42°·6	42°·5	50°·3	53°·4	57°·7	58°·9	52°·2	47°·2	38°·6	38°·0	46°·3
Highest Temperature in sun	90°·0	99°·0	120°·0	130°·3	138°·0	141°·0	148°·0	134°·7	128°·2	115°·0	99°·0	88°·0	148°·0
Lowest on grass at night	3°·0	12°·0	8°·4	11°·4	12°·4	22°·0	26°·0	27°·0	11°·0	10°·0	5°·0	9°·0	3°·0
Wet-bulb Temperature	32°·4	39°·3	39°·8	40°·0	47°·0	50°·3	54°·6	56°·0	49°·4	45°·4	36°·6	36°·6	43°·9
Dew-point Temperature	30°·4	37°·6	37°·3	37°·6	43°·6	47°·3	52°·2	53°·7	47°·3	43°·6	34°·6	34°·8	41°·7
Humidity of Air . .	88	89	84	85	79	81	83	84	86	89	88	89	85
Elastic force of Vapour (inches)	·168	·226	·223	·226	·281	·326	·391	·413	·327	·284	·201	·202	·272
Number of Rainy Days	13	16	13	16	9	11	20	11	12	17	14	17	169
Amount of Rain (inch.)	2·74	4·40	2·50	4·08	1·12	2·07	4·16	2·92	2·57	3·46	3·41	3·76	37·19
Amount of Cloud . .	6·6	7·7	6·0	7·2	5·4	6·5	6·6	5·7	6·4	6·6	6·4	6·3	6·4
Hours of Sunshine . .	67	64	131	121	250	217	208	227	153	104	78	75	1695
Mean Barometer (in.)	29·706	29·811	29·878	29·781	30·063	29·968	29·692	29·908	29·930	29·822	29·991	29.906	29·871
Easterly Winds (number of days) . .	8	7	5	15	9	15	4	4	13	7	10	4	101
Westerly Winds (do.)	12	16	17	8	13	6	18	18	8	14	10	19	159
Births	10004	8836	10062	9892	10814	9877	9876	9591	9222	9713	9004	9236	116127
Deaths	6958	6272	6526	6028	6642	6045	5694	5774	5367	5833	6198	7307	74644
Marriages	2758	1402	1255	1421	1180	3345	2512	1536	1376	1598	2293	3290	23966
Daily Births	323	316	325	330	349	329	319	309	307	313	300	298	318
Daily Deaths . . .	224	224	211	201	214	201	184	186	179	188	207	236	205

become unusually destructive during a cold season. From the list of epidemics whose diffusion is manifestly favoured by cold, it seems right, at first sight, to except Small-pox. But it must be recollected that in January 1871 the disease had not attained serious proportions as an epidemic, and the mortality which it then occasioned cannot be fairly contrasted with the epidemic mortality of November and December of the same year. If attention be confined to the last few months of the year, the influence of reduction of temperature is obvious enough.

On examining Table XIII., which exhibits the monthly mean temperature of 1871, along with the corresponding monthly means of the ten years 1855–64, and likewise gives a comparative view of the proportionate mortality experienced during the equalized months of 1871 and those of the decennial period, some interesting observations may be made. For example, it is at once seen that the cold months of 1871 were January, November, and December; that in the first of these, which was by far the coldest month of the whole year, the average temperature was no less than 3°·4 below the decennial mean, while the proportionate mortality was decidedly below the average; that in the months of November and December, on the other hand, the proportionate mortality was above average, and the mean monthly temperature below average. At first sight, it appears difficult to reconcile these facts with the doctrine which seeks to connect low temperature with high mortality; and, indeed, unless other circumstances besides temperature be taken into account, it would be in vain to attempt an explanation of such statements. But it must be remembered that, along with cold, rainfall, moisture, and wind are powerful agents in affecting the human frame; and that an amount of cold which in dry, clear, frosty weather may not be found insalubrious, would certainly, if accompanied with thick misty weather, and prevalence of easterly and northerly gales, give rise to high mortality. The obvious explanation of the apparent anomaly is, that in January the weather, although cold, was

TABLE XV.—Showing the connection between certain Atmospheric Phenomena, especially Mean Temperature, and the Deaths from certain Diseases and Classes of Disease, in the Eight Principal Towns of Scotland, during each Month of the Year 1871.

1871.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature	34°·2	41°·7	43°·5	42°·9	50°·8	54°·0	58°·4	59°·6	53°·0	47°·8	39°·3	38°·9
Highest Temperature	49°·8	54°·7	65°·0	59°·8	76°·0	70°·7	73°·2	80°·0	71°·7	64°·7	55°·0	56°·0
Lowest Temperature	18°·0	24°·0	21°·5	27°·0	26°·0	37°·0	44°·0	41°·0	33°·6	27°·1	22°·5	16°·0
Rainfall in inches	2·45	4·62	2·20	4·88	0·95	2·24	3·23	2·86	2·13	3·53	3·26	2·71
Easterly Winds (days)	8	8	6	16	10	17	4	5	15	9	10	2
Westerly Winds (days)	15	17	20	8	15	8	21	22	9	17	12	21
Total Deaths	2950	2577	2763	2510	2800	2567	2438	2450	2154	2476	2611	3105
Daily Deaths	95	92	89	84	90	86	79	79	72	80	87	100
Zymotic Diseases	571	499	571	474	661	666	624	660	624	654	721	997
Small-pox	20	33	36	29	29	33	24	30	47	88	157	354
Measles	74	45	68	122	249	275	254	124	65	40	50	69
Scarlatina	87	56	65	36	49	33	42	68	107	134	136	123
Diphtheria	23	27	31	16	22	41	30	29	27	30	39	24
Hooping-Cough	91	88	94	63	77	62	43	44	62	69	91	127
Croup	36	39	42	25	29	31	15	29	32	44	43	54
All Fevers	160	138	160	111	132	103	102	83	80	121	129	145
Diarrhœa	31	31	36	23	31	51	87	188	147	85	33	31
Dysentery	2	3	5	5	–	1	5	12	13	5	4	5
Cholera	–	–	–	1	–	5	5	13	5	1	–	–
Consumption	327	296	380	356	412	360	334	285	259	267	278	261
Diseases Respiratory Organs	760	691	628	574	547	443	340	291	326	468	543	687
Heart, etc., Diseases	133	104	108	115	108	104	85	122	68	120	107	113
Brain, etc., Diseases	226	191	205	179	245	190	196	205	158	201	207	225
Debility and Premat. Birth	142	124	146	124	108	119	124	152	125	121	107	118
Age	115	99	102	106	96	89	103	73	72	84	103	126

remarkably clear, calm, and dry, while the prevailing winds were westerly and southerly; hence the low mortality. In November and December, on the other hand, there was nothing anomalous in the relations of temperature and mortality; still, it may be remarked that in these months the epidemic of Small-pox had already attained considerable proportions. It is, however, with the mortality of November and December 1870 that the mortality of January 1871 should in fairness be compared.

The only month of 1871 in which it would have been reasonable to expect an increase of mortality, due to excess of mean temperature, was August, when the temperature exceeded the decennial average by 1°·6. In August, accordingly, it is seen that the proportionate mortality did considerably exceed the average; and, as might have been anticipated, the deaths from Diarrhœa were, in some of the largest towns, especially numerous.

The usual fluctuations of mean temperature throughout Scotland during a year may be briefly stated as follows:—The temperature is in January at a minimum of 37°·2, from which it rises with increasing rapidity to the maximum of 57°·6, which it attains in July. After August it falls, at first rapidly and afterwards more gradually, till it again attains the minimum in January. The mortality is most considerable in February, and then steadily declines till September, when it is at its minimum. It then steadily rises again as the cold season comes on, till it attains its maximum in February. Neither in temperature nor in mortality did 1871 conform to the decennial mean. Thus, there was a rapid fluctuation between the temperature of January and that of February, the former being as much below as the latter was above the means attributed to these months in the last column of Table XIII. Again, the warmest weather was in August, not in July; not because July was a cold month, but because the heat of August was excessive and unusual. As regards the mortality, it

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TABLE XVI.—Deaths, Temperatures, and Fall of Rain, in the Eight Principal Towns of Scotland during each Week of the Year 1871.

No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches	No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches
			Mean.	Highest	Lowest.					Mean.	Highest	Lowest.	
			°	°	°					°	°	°	
1	January 7	723	35·6	49·8	21·0	1·262	27	July 8	570	59·0	73·0	47·0	0·633
2	14	631	36·3	48·7	21·0	0·418	28	15	505	59·9	75·0	47·0	0·332
3	21	612	35·6	45·6	20·0	0·586	29	22	584	59·2	72·7	46·0	0·740
4	28	683	29·8	39·0	18·0	0·044	30	29	567	56·3	73·0	43·0	1·260
5	February 4	683	32·8	41·0	24·0	0·755	31	August 5	534	58·4	72·1	44·0	0·681
6	11	653	40·5	51·5	31·6	2·260	32	12	525	64·9	80·0	49·0	0·031
7	18	643	43·2	54·7	25·0	0·925	33	19	580	59·7	79·0	43·2	0·622
8	25	611	46·5	61·7	32·0	0·537	34	26	587	55·5	68·0	42·0	1·672
9	March 4	671	43·8	62·5	30·8	0·387	35	September 2	510	59·4	76·0	45·0	0·081
10	11	596	44·0	57·0	32·0	1·075	36	9	483	57·8	69·0	40·0	0·443
11	18	631	39·7	56·0	21·5	0·893	37	16	476	55·9	68·0	41·0	0·142
12	25	637	47·3	63·5	32·5	0·050	38	23	529	50·2	60·0	39·0	0·991
13	April 1	617	42·4	65·0	26·5	0·022	39	30	533	46 0	57·0	33·0	0·579
14	8	552	41·8	60·0	27·6	0·192	40	October 7	561	46·5	56·0	31·0	1·324
15	15	627	44·4	60·0	27·0	1·177	41	14	593	44·5	59·7	27·1	0·169
16	22	615	41·2	58·6	22·0	1·856	42	21	554	51·1	64·7	36·0	0·787
17	29	616	43·8	64·0	30·0	1·587	43	28	549	49·2	59·0	34·0	0·782
18	May 6	611	47·1	67·0	34·0	0·501	44	November 4	529	45·9	53·0	36·0	0·754
19	13	628	49·7	73·4	33·0	0·041	45	11	572	39·9	50·0	30·0	0·463
20	20	602	47·0	69·0	26·0	0·139	46	18	600	37·4	55·0	22·0	0·439
21	27	615	56·0	75·6	41·4	0·337	47	25	649	38·1	51·0	25·0	1·685
22	June 3	604	54·6	76·0	38·0	0·092	48	December 2	652	37·8	47·0	27·0	0·345
23	10	579	53·9	70·0	37·0	0·103	49	9	714	33·7	43·0	24·0	0·120
24	17	613	54·5	69·8	40·0	1·195	50	16	776	39 5	49·0	25·0	0·814
25	24	594	53·7	73·0	39·0	0·378	51	23	712	39·1	56·0	16·0	1·186
26	July 1	580	55·3	70·0	39·0	0·543	52	30	731	41·6	54·0	26·0	1·045

was at its maximum in December, the equalized months next in order of fatality being January, February, May, and March. The minimum mortality was as usual experienced in September; but reference to the table will show how considerable have been the fluctuations throughout the year.

We proceed to give a brief sketch of the meteorological characteristics of each month of 1871, combined with some notice of the presumed connection between the state of the weather and the general mortality.

The year 1870 had closed with a very cold December; the mean temperature having been no less than 5·7 below the ten years' average. Yet it was by no means an unhealthy December, for the prevalence of clear frosty weather, and the absence of violent currents of cold moist air from the north and east, more than compensated for the unfavourable influence of low mean temperature. The actual deaths in Scotland during the month were 6661, or 215 per diem.

January 1871 was, as has in a former paragraph been remarked, likewise a very cold month. It was, in fact, characterized by a continuance of the clear, dry, frosty weather which had marked December 1870. There was but a small rainfall, a very moderate daily range of temperature, and unusual absence of strong winds from the east and north. Although, as

TABLE XVII.—Monthly Mortality at Four Periods of Life in the Eight Principal Towns of Scotland during 1871, and Proportion at each Age in every hundred Deaths per Month.

Months.	Actual Number of Deaths in 1871.					Proportion at each Age in every Hundred Deaths per Month.				
	Under 5 years.	5–20.	20–60.	60 and above.	Total Deaths.	Under 5 years.	5–20.	20–60.	60 and above.	Total.
January . .	1224	256	924	546	2950	41·49	8·68	31·32	18·51	100·00
February . .	1183	283	716	395	2577	45·91	10·98	27·78	15·33	100 00
March . .	1253	309	794	407	2763	45·35	11·18	28·74	14·73	100·00
April . . .	1096	258	741	415	2510	43·67	10·28	29·52	16·53	100·00
May . . .	1234	335	802	429	2800	44 07	11·97	28·64	15·32	100·00
June . . .	1194	286	730	357	2567	46·51	11·14	28·44	13·91	100·00
July . . .	1135	318	636	349	2438	46·55	13·04	26·09	14·32	100·00
August . .	1156	258	694	342	2450	47·18	10·53	28·33	13·96	100·00
September . .	1047	238	567	302	2154	48·61	11·05	26·32	14·02	100 00
October . .	1079	297	707	393	2476	43·58	11·99	28 56	15·87	100 00
November . .	1064	344	803	400	2611	40·75	13·18	30·75	15·32	100·00
December . .	1224	386	975	520	3105	39 42	12·43	31·40	16·75	100·00
Year .	13,889	3,568	9,089	4,855	31,401	44·23	11·36	28·95	15·46	100·00

TABLE XVIII.—Months equalized to 31 days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in the Eight Principal Towns during each Month of the Year 1871.

Months.	Relative Number of Deaths, 1871.					Monthly Deaths, proportioned to 1000 per Month, or 12,000 per Annum.
	Under 5 years.	5-20.	20–60.	60 and above.	Total.	
January	1224	256	924	546	2950	1106
February	1309	313	793	437	2852	1069
March	1253	309	794	407	2763	1036
April	1133	267	766	429	2595	973
May	1234	335	802	429	2800	1050
June	1234	296	754	369	2653	995
July	1135	318	636	349	2438	914
August	1156	258	694	342	2450	919
September . . .	1082	246	586	312	2226	835
October	1079	297	707	393	2476	928
November . . .	1099	355	830	413	2697	1011
December	1224	386	975	520	3105	1164
Year .	14,162	3,636	9,261	4,946	32,005	12,000

might have been expected from the long continuance of low temperature, Respiratory Diseases were unusually fatal during January, and although Fevers, Hooping-cough, and Scarlatina carried off many victims in some of the great towns, the month may be said to have been a healthy one. The mean temperature was only 33°·8. The actual deaths from all causes amounted to 6958, or about 224 daily, considerably within the ten years' average, and far below the deaths of the corresponding month of 1870, but much higher than the mortality of the previous month of December 1870.

In February and in March the mean temperature was exceptionally high—41° in the former, and 42°·6 in the latter month. There was a predominance of westerly winds, which in both months occasionally blew with extreme violence. The rainfall considerably exceeded the average in February; but in March it was on the whole slightly deficient, though on the west coast decidedly more abundant than on the east. Under the influence of this mild weather, the health of the country was fairly maintained. The deaths in February, usually the most fatal month in the year, were precisely as observed in January, 224 daily; in March they were at the daily rate of 211.

April was anything but a genial month. The mean temperature was only 44°·1, or 1°·6 below the ten years' average for April. There was an

TABLE XIX.—Monthly Mortality at Four Periods of Life in the Eight Principal Towns of Scotland during the Ten Years 1856-1865, and the Proportion at each Age in every hundred Deaths per Month.

Months.	Absolute Number of Deaths—Ten Years, 1856–1865.					Proportion at each Age in every Hundred Deaths per Month.				
	Under 5 years.	5-20.	20–60.	60 and above.	Total Deaths.	Under 5 years.	5–20.	20–60.	60 and above.	Total.
January	11066	2305	7003	4337	24711	44·78	9·33	28·34	17·55	100·00
February	10190	2145	6235	3802	22372	45·54	9·59	27·87	17·00	100·00
March	10359	2271	6809	3865	23304	44·45	9·75	29·22	16·58	100·00
April	9609	2131	6095	3625	21460	44·77	9·94	28·40	16·89	100·00
May	9058	2214	5899	3180	20351	44·51	10·88	28·98	15·63	100·00
June	9395	2086	5559	3111	19151	43·84	10·89	29·03	16·24	100·00
July	9052	2121	5287	2886	19346	46·79	10·96	27·33	14·92	100·00
August	8889	1929	4988	2698	18504	48·05	10·42	26·95	14·58	100·00
September	8370	1870	4572	2454	17266	48·48	10·83	26·48	14·21	100·00
October	9078	2120	4936	2679	18813	48·25	11·26	26·24	14·25	100·00
November	10121	2148	5690	3549	21508	47·05	9·99	26·45	16·51	100·00
December	10590	2258	6344	3893	23085	45·87	9·78	27·49	16·86	100·00
TEN YEARS	114,777	25,598	69,417	40,079	249,871	45·93	10·25	27·78	16·04	100·00

TABLE XX.—Months equalized to 31 days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age during every Month of the Ten Years 1856–1865.

Months.	Relative Number of Deaths—Ten Years 1856–1865.					Monthly Deaths, proportioned to 1000 per Month, or 12,000 per Annum.
	Under 5 years.	5–20.	20–60.	60 and above.	Total.	
January	11066	2305	7033	4337	24711	1164
February	11165	2348	6833	4165	24511	1155
March	10359	2271	6809	3865	23304	1098
April	9929	2202	6298	3746	22175	1045
May	9058	2214	5899	3180	20351	959
June	8675	2155	5744	3215	19789	933
July	9052	2121	5287	2886	19346	912
August	8889	1929	4988	2698	18504	872
September	8649	1932	4724	2536	17841	841
October	9078	2120	4936	2679	18813	886
November	10458	2220	5879	3668	22225	1047
December	10590	2258	6344	3893	23085	1088
TEN YEARS	116,968	26,075	70,744	40,868	254,655	12,000

unusual prevalence of dull cloudy weather and of easterly winds, accompanied over the whole country, but chiefly on the east coast, with very heavy rainfall. It is somewhat singular to find that, in spite of these unfavourable atmospheric influences, the deaths were very decidedly within the average of former years, amounting to 6028 in the whole month, or to less than 201 per diem.

May was in some respects a rather peculiar month. The mean temperature, 50°·3, exceeded the average by about 0°·8; but it was noted that this temperature varied greatly with locality, and was 4° lower on the east than on the west coast. The rainfall was small; the prevailing winds northerly and westerly. During the month the deaths were more numerous than is usual in the month of May, having numbered 6642, representing a daily rate of 214.

June was a cold month, with a mean temperature of 53°·4, which is 2°·2 below the average. The prevailing winds were easterly; the rainfall not quite up to the average. There was more cloud and rather less sunshine than in May. The actual deaths during June were 6045, or 201 daily, numbers slightly in excess of the average deduced from ten years' observations. No doubt the prevalence of east winds, and the generally low temperature during this month, exercised a deleterious influence, by favouring the diffusion or increasing the fatality of certain epidemics, such as Measles, which even in May had been a rather frequent cause of death.

July did not materially differ from the average as regards mean temperature; but meteorologists remarked that on both east and west coasts the day temperature was much lower, and the night temperature somewhat higher than usual. There was a decided prevalence of westerly and southerly winds, and, as usual in such circumstances, much cloud and considerable rainfall. As regards mortality, it is merely necessary to note that the deaths were 5694, or at the rate of 184 daily.

The hot season of 1871 was in August, when the mean temperature was 58°·9, being 1°·6 above the average temperature of ten previous Augusts, and 1°·3 above the average temperature of the hottest months of the decennium 1855–64. There was a considerable preponderance of southerly and westerly winds, with moderate rainfall. As regards the mortality, it is to be remarked that the excessive heat gave rise to the usual bowel-complaints associated in this country with any prolonged continuance of high temperature, and that the epidemic of Measles at the same time showed signs of abatement. The actual deaths were 5774; the daily rate, 186.

September and October had mean temperatures of 52°·2 and 47°·2 respectively; the former number being 0°·6 below the average of ten Septembers, while the latter corresponds exactly with the average of ten Octobers. In September the north and north-east winds prevailed unusually, and the rainfall was under average. In October all the meteorological phenomena may be said to have conformed to the mean of the ten Octobers, 1855–64. The mortality in both months was heavy. That of September included 5367 deaths, or was at the rate of 179 daily; that of October 5833 deaths, indicating a daily death-rate of 188. In September there were still many deaths from Diarrhœa, possibly connected with the extreme heat of the preceding month; but it was to diseases of the Respiratory Organs that the increased mortality was mainly due, and it does not appear that, up to the end of October, there was any such fluctuation of mean temperature as would suffice to account for the extraordinary prevalence of Pulmonary complaints.

The weather in November and December was severe; the mean temperatures of these months having been 38°·6 and 38° respectively, or 1°·6 and 0°·6 below the ten years' average. In November there were early frosts, a full rainfall, and an unusual amount of northerly and easterly winds. In December the westerly and southerly atmospheric currents were more frequent; but the number of rainy days, and the amount of rainfall, were even greater than in November. The deaths in both months were very numerous, chiefly from the extreme prevalence of diseases of the Respiratory System, directly connected with the inclemency of the season, but also very plainly from the extension of the epidemics of Scarlatina, and especially of Small-pox, which had since September been rapidly increasing in fatality.

It is by means of Table XV. that the influence of the weather upon the chief causes of mortality in the Eight Principal Towns of Scotland can be most conveniently traced. It must not, however, be understood that this table furnishes an infallible index to the effects of that influence, for the diseases generated by the extremes of temperature do not, for the most part, proceed very rapidly to a fatal termination; and hence much of the mortality really engendered by the inclemency of a particular month is actually felt in the succeeding month, which may chance to be of a more genial character. It will be seen that diseases of the Respiratory Organs, which, more than any others, are notoriously most fatal in cold weather, produced only 291 deaths in August, the warmest month of the year 1871, and steadily increased in fatality up to December, when the deaths numbered 687, the mean temperature having in the successive months steadily declined. In January, again, the deaths from Respiratory Diseases were 760, the maximum of deaths from these causes thus coinciding with the minimum of mean monthly temperature. From January to August Pulmonary complaints uniformly decreased in fatality as the mean monthly temperature rose to its maximum. It cannot, however, be said that the more familiar epidemic diseases obeyed the same law as the Respiratory Diseases. Thus Measles was most fatal in May, June, and July, in which months it caused respectively 249, 275, and 254 deaths; but of this disease it may be said that during 1871 its prevalence was never simultaneously manifested in the majority of the great towns. Scarlatina was most fatal in November, October, December, September, and January; the deaths in these months taken in the above order having been 136, 134, 123, 107, and 87. But of Scarlatina, too, it may be remarked that its presence was never simultaneously felt throughout the different divisions of the country, and that the returns consequently relate to isolated epidemics only. Fevers conformed pretty closely to the law connecting low temperature with high mortality, the monthly deaths having been 160 in January and in March, 145 in December, and only 83 and 80 in August and September. It has been elsewhere remarked that Small-pox exercised a disturbing influence on the returns relative to zymotic diseases, having in October, November, and December, proved fatal to 88, 157, and 354 persons; while in each of the nine earlier months of the year the deaths from this disease did not exceed 32 on an average. Consumption usually carries off most victims during an inclement spring, the cold and changeable weather apparently precipitating the fatal event. The month of 1871 which proved most trying for those affected with Pulmonary Consumption was May, which on the east coast of Scotland was very insalubrious. The deaths from Phthisis were 412 in May, 380 in March, 360 in June, 356 in April, and, strange to say, only

261 in the cold month of December. This last circumstance is at present only explicable by reference to the absence of high easterly and northerly winds during December; still it is remarkable that in the unusually warm month of August, the warmest month of the whole year, the deaths from Consumption should have been 285, or considerably more numerous than they were in December. The deaths from unspecified diseases connected with old age were, as usual, most numerous in the cold weather of January and December.

The effects of hot weather upon the mortality are only appreciable by reference to the diseases tabulated as Diarrhœa, Dysentery, and Cholera. These diseases are commonly, but, as has been formerly pointed out in these Reports, inconveniently grouped among the zymotic diseases. The greatest mortality from these bowel-complaints was experienced in August and September, when the deaths from these causes were 213 and 165, thus confirming the truth of the general law by which it is sought to connect the prevalence of bowel-complaints with long-continued high atmospheric temperature. In the first six and two last months of the year, the average monthly deaths from bowel-complaints were only about 37.

Debility at Birth and Premature Birth were more frequent causes of death during the sultry weather of August than at any other time. The deaths from Infantile Debility were 152 in August. The smallest number of deaths from this cause was 107 in November, from which it may be inferred that the influence of cold weather was not, in 1871, observed to increase the frequency of deaths of this class.

In Table XVI. an Abstract of our Weekly Reports is presented, comprising the deaths, temperatures, and rainfall in the Eight Principal Towns of Scotland, during each week of the year reported on. The interest and value, which in ordinary circumstances might be attached to such an abstract, are at present much impaired by the unusual prevalence of Small-pox during the later months of the year. This disease being apparently independent of temperature, tends greatly to confound the inferences which we have been accustomed to deduce from examination of similar tables in former Reports. Beyond the bare fact that the second and third weeks of September appear to have been the healthiest weeks of the whole year, we do not feel justified in calling special attention to any of the details presented in this table.

In our last two Reports we introduced two tables designed to facilitate the study of the influence of season upon mortality at various periods of life. Similar tables are here given, and are numbered XVII. and XVIII. In the first of these will be found presented the actual deaths at each of four periods of life, which occurred during 1871 from month to month, in the Eight Principal Towns of Scotland, followed by the proportion of deaths occurring at each age out of every 100 deaths in each month. Table XVIII. will be found to offer considerable facilities for solving certain problems connected with mortality at the various periods of life above referred to, as the months are all equalized to the uniform length of 31 days.

As regards children under 5 years of age, it may be at once gathered from Table XVIII. that February has been the most unfavourable month; after which in order of fatality come March, May, June, January, and December. It does not appear that August and September, in which the hot weather favoured the prevalence of bowel-complaints, were last year marked by large infant mortality.

As for persons between 5 and 20 years of age, the months in order of

fatality were December, November, and May. No doubt the disturbing influence of Small-pox is manifested in the number of deaths which occurred in November and December, and the frequency of Consumption at this early period of life is no doubt connected with the large mortality in May. It is rather remarkable that persons between 5 and 20 should have died in unusually small numbers during January.

Persons aged between 50 and 60 died in greatest proportion in December. The months which followed in order of fatality were January, November, and May; September being decidedly the most healthy month.

As for persons who died at ages exceeding 60 years, it appears that they were most frequently carried off in January, the mortality becoming less and less severe in December, February, April, and May. The deaths of aged persons were least frequent in September, and generally in the warmest months of the year.

Tables XIX. and XX. are precisely similar in their nature to XVII. and XVIII.; and as they exhibit the results of observations made during the ten years 1856–65, they constitute a sort of standard, any considerable deviations from which in any particular year will be regarded by statisticians as anomalous, and as meriting special study.

SEVENTH ANNUAL REPORT

ON THE

VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1870.

In the course of the Seventh Report relative to the Vaccination of children in Scotland, the object mainly kept in view is to show what numbers and what proportion of the children, whose births were recorded in the Registers of 1870, were vaccinated according to the provisions of the Scottish Vaccination Act, 26 and 27 Vict. cap. 108. When the provisions of that Act are considered, it will be seen to be inevitable that a large number of children, and especially of those whose births take place during the later months of any given year, cannot be vaccinated till after the 1st of January of the year succeeding that in which they are born. But our Report bears reference to the Vaccination, and would obviously be most incomplete and unsatisfactory if it did not always refer to a period one year behind that embraced in the Annual Report on Births, Deaths, and Marriages, along with which it is issued.

The vaccination returns for 1871 have now been received, and enable us to state, that of the 115446 children whose births were registered in Scotland during 1870, 101875 or 88·246 per cent. have been successfully vaccinated; 843, or 0·730, have had their vaccination postponed in consequence of bad health, generally indicated by cutaneous eruptions and various ailments connected with dentition; 472, or 0·409 per cent., have been reported to be insusceptible of the vaccine virus, 215 from constitutional insuscepti-

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TABLE XXI.—Deaths from Small-pox in Scotland, 1855–1871 inclusive.

YEARS.	Small-pox Deaths.	YEARS.	Small-pox Deaths.
1855	1309	1864	1741
1856	1306	1865	383
1857	845	1866	200
1858	332	1867	100
1859	682	1868	15
1860	1495	1869	64
1861	766	1870	150*
1862	426	1871	1760*
1863	1646		

* Estimated from the ascertained Small-pox Deaths in the Eight Principal Towns of Scotland, as compared with the total Small-pox Deaths in all Scotland during the fifteen years 1855–69.

bility, 28 from having previously had Small-pox, and 228 from having been previously vaccinated. 9724 children, or 8·423 per cent. of all born, died before they could be vaccinated; and 2532, or 2·193 per cent., had been, from some unavoidable cause, lost sight of by the Registrars, generally in consequence of having been removed from the districts in which they were born before the expiry of the period within which the Act requires that vaccination shall be performed. (Table XXII.).

But the returns are used for the additional purpose of ascertaining what proportion of those children, who lived till, in accordance with the Act, they should have been vaccinated, were eventually armed against Small-pox by the protection which the performance of vaccination affords. Table XXIII. is constructed expressly for the purpose of exhibiting the proportion of the infant population thus presumably protected, not only during the year 1870, but likewise during every year since 1864, when the Scottish Vaccination Act came into operation.

On reference to the table, it is seen that of the children who survived till they could be vaccinated, 96·362 per cent. were successfully vaccinated; 0·797 had their vaccination postponed; 0·446 were reported insusceptible of vaccination from peculiarity of constitution, from having previously had Small-pox, or from having been previously vaccinated; while 2·395 per cent. were lost sight of by the Registrars, in consequence of removal from the districts in which they had been resident, or from other causes unaccounted for. It may here be remarked that, in order truly to estimate the amount of protection afforded by vaccination to the infant population, the proportion reported "Insusceptible in consequence of previous vaccination" should clearly be added to the proportion tabulated as "Successfully vaccinated." With this correction the latter proportion for 1870 becomes 96·579 per cent. It may be held, then, that in round numbers about $3\frac{1}{2}$ per cent. of the children who arrive at the age of six months do not obtain the protection of vaccination, and it seems well worth while to consider whether anything might be done, by means of legislative enactment, to diminish this proportion. But in about 0·8 per cent. vaccination is, for good medical reasons, postponed till after the lapse of the statutory period. If these postponements be deducted, it seems that the benefits of the Act are experienced by 97·779 per cent. of all subjects fit for vaccination, and that consequently less than $2\frac{1}{2}$ per cent. actually escape its provisions. As for those who are reported to be "Constitutionally insusceptible," it is obvious that direct legislative interference can do nothing. All that seems desirable is, to impress upon parents—1*stly*, The expediency of not deferring the vaccination of their children till the limit of the period allowed by law approaches, and till the ailments connected with teething begin to show themselves; and 2*dly*, The duty of testing the susceptibility of their children by renewed attempts at vaccination when their general health seems to have become fairly re-established. But, as has been repeatedly urged in these Reports, some diminution would certainly be effected in the far more numerous "class of those who escape vaccination in consequence of the removals and migratory habits of their parents," were the statutory period of six months, which may be allowed to elapse before the enforcement of vaccination under penalties, reduced by three, or even by two months. Were vaccination within four months after birth made obligatory, not only would many of those who at present escape the provisions of the Act, in consequence of their wandering life, be obliged to have their children vaccinated, but the postponements would be fewer; and there seems reason

to believe that the numbers of those annually reported as "constitutionally insusceptible" would be likewise lessened, since every child would have the operation attempted at a period of life when most of the maladies which cause temporary insusceptibility to the vaccine virus have not shown themselves.

The Vaccination Act has now been in force in Scotland for eight years. That during the whole of that period it has been most efficiently worked is well known, and is sufficiently illustrated by the figures of Tables XXII. and XXIII. But it is certainly premature to say that it has so far fulfilled the wishes of its promoters as to render an epidemic of Small-pox in Scotland either impossible or productive of trifling mortality. In Table XXI. will be found the numbers of deaths from Small-pox registered in Scotland, in each year, from 1855 down to 1871. The deaths in the years 1870 and 1871 cannot as yet be directly ascertained, but are computed from the registered deaths by Small-pox in the Eight Principal Towns. It has been found by experience that the deaths by Small-pox in all Scotland

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TABLE XXII.—VACCINATIONS in SCOTLAND, 1864–1870, and proportion to the Births each Year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Died before Vaccination.	Removed from District before Vaccination, or otherwise not accounted for.	TOTAL BIRTHS.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination.			
1864	Numbers .	95047	662	667	154	440	9180	2701	108851
1865	Numbers .	99648	719	474	34	207	9366	2622	113070
1866	Numbers .	100408	579	332	30	227	9433	2658	113667
1867	Numbers .	101139	670	233	16	151	9355	2480	114044
1868	Numbers .	102140	914	277	7	230	9440	2506	115514
1869	Numbers .	99265	966	177	17	174	10069	2773	113441
1870	Numbers .	101875	843	215	28	229	9724	2532	115446
1864	Per-centage	87·313	0·608	0·613	0·142	0·404	8·438	2·481	100·000
1865	Per-centage	88·130	0·636	0·419	0·030	0·183	8·283	2·319	100·000
1866	Per-centage	88·335	0·510	0·292	0·026	0·200	8·299	2·338	100·000
1867	Per-centage	88·684	0·587	0·204	0·014	0·132	8·203	2·176	100·000
1868	Per-centage	88·423	0·791	0·240	0·005	0·199	8·172	2·170	100·000
1869	Per-centage	87·504	0·852	0·156	0·015	0 153	8·876	2·444	100·000
1870	Per-centage	88·246	0·730	0·186	0·024	0·198	8·423	2·193	100·000

TABLE XXIII.—VACCINATIONS in SCOTLAND, 1864–1870, deducting from the Births those who died before they could be Vaccinated, and giving the proportion of the Vaccinated to the surviving Births of each Year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Removed from District before Vaccination, or otherwise not accounted for.	TOTAL LIVING.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination.		
1864	Numbers .	95047	662	667	154	440	2701	99671
1865	Numbers .	99648	719	474	34	207	2622	103704
1866	Numbers .	100408	579	332	30	227	2658	104234
1867	Numbers .	101139	670	233	16	151	2480	104689
1868	Numbers .	102140	914	277	7	230	2506	106074
1869	Numbers .	99265	966	177	17	174	2773	103372
1870	Numbers .	101875	843	215	28	229	2532	105722
1864	Per-centage	95·361	0·664	0·669	0·155	0·441	2·710	100·000
1865	Per-centage	96·089	0·694	0·457	0·033	0·199	2·528	100·000
1866	Per-centage	96·329	0·556	0·318	0·029	0·217	2·551	100·000
1867	Per-centage	96·609	0·640	0·222	0·015	0·144	2·370	100·000
1868	Per-centage	96·292	0·861	0·261	0·007	0·216	2·363	100·000
1869	Per-centage	96·027	0·935	0·171	0·016	0·168	2·683	100·000
1870	Per-centage	96·362	0·797	0·203	0·026	0·217	2·395	100·000

may be stated, with a fair approximation to the truth, by doubling the number of deaths from this disease in the Eight Towns. By means of this method of computation, we may with tolerable confidence set down the deaths from Small-pox as 150 in 1870, and as 1760 in 1871. The disease has obviously been more fatal in this last year than in any other of which our table bears record. In 1871, the epidemic, which had raged in Paris before the late Franco-German war, which had reached the shores of Britain, committing great havoc in London and Liverpool, and which it was natural to conclude would ere long make its way northwards, appeared in Scotland. Towards the end of the year it caused considerable loss of life in Dundee, Edinburgh, and Leith, and at the end of December it still showed no sign of abatement. In connection with the efficacy of our system of vaccination in Scotland, it would be interesting to know the numbers who perished at each age from Small-pox during 1871. At present, however, only a brief statement can be obtained, having reference to the 880 deaths which took place in the Eight Towns. Of these deaths, 202, or nearly 23 per cent., occurred at ages below five years; 317, or 36 per cent., at ages from 5 to 20; and 361, or 41 per cent., at ages above 20. It can serve no useful purpose to speculate on what the state of matters might have been, had such a virulent epidemic appeared in Scotland when it was unprovided with a Vaccination Act. It is at all events tolerably certain, that in such circumstances a far greater loss of infant life would have been experienced.

It is fortunate that in Scotland there does not exist much of that prejudice which in England interferes with the practice of vaccination. We hear little in this country of alleged violation of the liberty of the subject caused by the compulsory vaccination of children, and nothing of martyrs amerced in small sums, by which they virtually purchase the privilege of saving their offspring from the imaginary horrors of cow-pox. Still in some parts of Scotland there does exist, with regard to the subject of vaccination, a good deal of popular misconception, which the remarks in our last Annual Report were designed to dispel, and which, in the prospect of the continuance or spread of the present epidemic, it may be well to endeavour by a few short sentences still further to remove. Without wishing to dogmatise, we may offer the following propositions as the expression of the doctrine generally held by medical men in regard to vaccination :—

1. That, as a protection against Small-pox, a recent successful vaccination is as complete a safeguard as that afforded by a previous attack of Small-pox, whether natural or inoculated.

2. That during an epidemic of Small-pox a very small proportion of persons recently and successfully vaccinated fall victims to the disease.

3. That during Small-pox epidemics, persons who have been successfully vaccinated during infancy, but who have attained adult life without having been re-vaccinated, are apt to contract Small-pox in considerable numbers (but not necessarily in large *proportion*), and that in such persons the disease is not nearly so fatal as in those unprotected by vaccination.

4. That during an epidemic persons who have never been successfully vaccinated contract the disease in large numbers and in large proportion, and that such persons die in a proportion sometimes amounting to 1 in 4.

5. That the phrase "successfully vaccinated" is often improperly used, the application of the vaccine virus, and the subsequent appearance of a "sore" on the arm, not being conclusive evidence of "successful" vaccination, unless the characteristic mark results.

6. That there are many adults who suppose themselves to have been "successfully" vaccinated, who have never in fact had cow-pox.

7. That there is in general no risk incurred in either vaccinating or re-vaccinating a healthy subject.

8. That so far from vaccination or re-vaccination being dangerous or inexpedient while an epidemic of Small-pox is prevailing or imminent, it is precisely in anticipation of, or during the course of, such an epidemic that these operations are most urgently required, and their protective value most strikingly illustrated.

9. That of those successfully re-vaccinated in anticipation of an epidemic of Small-pox, hardly any contract the disease, although they may be in close and daily attendance on the sick for months after their re-vaccination.

I have the honour to be,

SIR,

Your most obedient Servant,

WILLIAM ROBERTSON.

GENERAL REGISTRY OFFICE OF BIRTHS, ETC.,
EDINBURGH, 23*d April* 1872.

BIRTHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1871.

	Popula-tion.	BIRTHS.														
	1871	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births.	Males	Fem.	Total Illegit. Biths.
SCOTLAND,	3,358,613	10004	8836	10062	9892	10814	9877	9876	9591	9222	9713	9004	9236	116127	60072	56055	11073
DIVISIONS.																	
NORTHERN,	126,552	247	212	200	239	261	277	280	265	260	323	269	285	3118	1543	1575	243
NORTH-WESTERN,	166,261	387	357	345	293	335	349	381	391	354	419	371	366	4348	2275	2073	289
NORTH-EASTERN,	393,197	1088	943	1068	1107	1148	1083	1122	1147	1018	1085	1024	1045	12878	6795	6083	1949
EAST-MIDLAND,	559,187	1497	1383	1589	1513	1765	1514	1519	1502	1485	1465	1387	1397	18016	9295	8721	1799
WEST-MIDLAND,	250,982	693	613	655	758	750	671	672	629	621	692	594	620	7968	4158	3810	606
SOUTH-WESTERN,	1,183,055	4091	3693	4185	4045	4409	3948	3898	3835	3592	3826	3606	3687	46815	24145	22670	3823
SOUTH-EASTERN,	470,355	1459	1164	1439	1413	1551	1446	1459	1314	1370	1368	1289	1315	16587	8556	8031	1413
SOUTHERN,	209,024	542	471	581	524	595	589	545	508	522	535	464	521	6397	3305	3092	951
I. NORTHERN.																	
Shetland,	31,605	47	46	45	50	50	75	79	73	58	91	88	79	781	388	393	38
Orkney,	31,272	75	65	47	65	75	62	58	53	61	76	60	64	761	362	399	37
Caithness,	41,008	88	58	77	82	101	97	103	105	101	104	78	91	1085	534	551	126
Sutherland,	22,667	37	43	31	42	35	43	40	34	40	52	43	51	491	259	232	42
II. NORTH-WESTERN.																	
Ross and Cromarty,	82,036	197	166	157	170	165	191	184	216	171	203	175	189	2184	1127	1057	107
Inverness,	84,225	190	191	188	123	170	158	197	175	183	216	196	177	2164	1148	1016	182
III. NORTH-EASTERN.																	
Nairn,	8,372	26	13	22	13	16	16	16	18	31	17	19	24	231	121	110	16
Elgin (or Moray),	44,535	115	83	90	119	122	114	128	125	83	98	101	117	1295	692	603	177
Banff,	58,870	155	118	129	183	177	163	167	159	145	156	131	159	1842	963	879	315
Aberdeen,	246,301	713	656	736	696	726	708	711	746	669	729	667	662	8419	4434	3985	1300
Kincardine,	35,119	79	73	91	96	107	82	100	99	90	85	106	83	1091	585	506	141
IV. EAST-MIDLAND.																	
Forfar,	240,010	706	608	754	675	808	682	690	685	689	682	660	630	8269	4285	3984	963
Perth,	128,519	287	280	308	321	340	301	267	328	307	285	253	277	3554	1841	1713	376
Fife,	160,499	431	432	429	425	504	447	474	401	419	419	403	420	5204	2656	2548	385
Kinross,	7,928	12	12	25	27	24	16	21	26	13	14	13	14	217	107	110	16
Clackmannan,	22,231	61	51	73	65	89	68	67	62	57	65	58	56	772	406	366	59
V. WEST-MIDLAND.																	
Stirling,	93,312	305	259	285	322	317	310	274	253	278	277	283	261	3424	1779	1645	278
Dumbarton,	61,095	178	168	160	202	199	163	180	178	154	176	136	160	2054	1071	983	139
Argyll,	79,598	168	152	180	199	199	177	170	162	165	198	153	164	2087	1095	992	151
Bute,	16,977	42	34	30	35	35	21	48	36	24	41	22	35	403	213	190	38
VI. SOUTH-WESTERN.																	
Renfrew,	195,276	632	566	657	640	689	643	647	628	625	648	553	555	7483	3883	3600	485
Ayr,	200,833	689	586	660	685	733	618	639	600	593	589	591	589	7572	3951	3621	713
Lanark,	786,946	2770	2541	2868	2720	2987	2687	2612	2607	2374	2589	2462	2543	31760	16311	15449	2625
VII. SOUTH-EASTERN.																	
Linlithgow,	41,605	163	128	154	158	172	152	143	131	139	146	142	143	1771	925	846	157
Edinburgh,	328,094	1019	798	1026	963	1060	1033	1046	930	957	945	892	935	11604	5956	5648	946
Haddington,	37,754	106	84	89	113	117	101	107	94	105	89	85	73	1163	619	544	99
Berwick,	36,370	98	83	86	92	114	84	92	85	81	97	97	90	1099	579	520	118
Peebles,	12,199	21	27	25	42	35	28	31	36	33	37	32	33	380	206	174	34
Selkirk,	14,333	52	44	59	45	53	48	40	38	55	54	41	41	570	271	299	59
VIII. SOUTHERN.																	
Roxburgh,	53,549	115	118	167	131	167	174	148	143	137	146	138	148	1732	883	849	200
Dumfries,	74,828	222	181	201	190	208	204	187	189	196	193	164	187	2322	1242	1080	375
Kirkcudbright,	42,082	112	94	113	102	120	125	112	88	103	89	90	97	1245	624	621	187
Wigtown,	38,565	93	78	100	101	100	86	98	88	86	107	72	89	1098	556	542	189

DEATHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1871.

		Population.	DEATHS.													
		1871.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths.	Males	Fem.
	SCOTLAND, -	3,358,613	6958	6272	6526	6028	6642	6045	5694	5774	5367	5833	6198	7307	74644	36853	37791
	DIVISIONS.																
1	NORTHERN, . . .	126,552	164	139	162	168	160	130	131	132	132	121	157	175	1771	854	917
2	NORTH-WESTERN, . .	166,261	254	225	218	237	210	240	173	217	174	205	194	240	2587	1237	1350
3	NORTH-EASTERN, . .	393,197	644	534	594	489	574	518	465	457	498	489	602	736	6600	3147	3453
4	EAST-MIDLAND, . .	559,187	1121	979	949	850	948	850	813	883	901	933	1012	1182	11421	5477	5944
5	WEST-MIDLAND, . .	250,982	469	404	415	416	452	380	402	338	351	375	404	470	4876	2409	2467
6	SOUTH-WESTERN, . .	1,183,055	3044	2802	2977	2766	2991	2657	2566	2515	2193	2487	2500	2925	32423	16337	16086
7	SOUTH-EASTERN, . .	470,355	924	869	905	832	984	927	831	946	837	950	1033	1196	11234	5598	5636
8	SOUTHERN, . . .	209,024	338	320	306	270	323	343	313	286	281	273	296	383	3732	1794	1938
	I. NORTHERN.																
1	Shetland, . . .	31,605	28	32	42	36	34	31	25	24	28	27	45	35	387	176	211
2	Orkney, . . .	31,272	52	34	38	46	44	27	20	31	25	28	40	44	429	204	225
3	Caithness, . . .	41,008	52	48	52	49	56	43	56	58	54	49	43	49	609	298	311
4	Sutherland, . . .	22,667	32	25	30	37	26	29	30	19	25	17	29	47	346	176	170
	II. NORTH-WESTERN.																
5	Ross and Cromarty, . .	82,036	136	100	98	106	103	112	65	73	87	106	88	111	1185	580	605
6	Inverness, . . .	84,225	118	125	120	131	107	128	108	144	87	99	106	129	1402	657	745
	III. NORTH-EASTERN.																
7	Nairn, ...	8,372	13	13	12	22	13	13	4	4	18	12	4	6	134	63	71
8	Elgin (or Moray), . .	44,535	74	75	62	52	57	49	42	52	50	38	55	72	678	319	359
9	Banff, ...	58,870	79	79	77	67	81	67	73	53	71	80	75	109	911	456	455
10	Aberdeen, . . .	246,301	432	317	397	314	380	351	312	311	313	322	404	476	4329	2024	2305
11	Kincardine, . . .	35,119	46	50	46	34	43	38	34	37	46	37	64	73	548	285	263
	IV. EAST-MIDLAND.																
12	Forfar, ...	240,010	506	456	440	409	412	385	383	409	439	497	515	613	5464	2564	2900
13	Perth, ...	128,519	232	216	201	170	239	168	162	185	185	176	184	197	2315	1141	1174
14	Fife, ...	160,499	316	254	256	232	254	258	213	243	248	219	264	309	3066	1476	1590
15	Kinross, ...	7,928	14	12	17	1	6	7	13	9	4	7	11	13	114	60	54
16	Clackmannan, . . .	22,231	53	41	35	38	37	32	42	37	25	34	38	50	462	236	226
	V. WEST-MIDLAND.																
17	Stirling, ...	93,312	183	146	158	145	180	138	143	121	146	146	153	186	1845	924	921
18	Dumbarton, . . .	61,095	107	113	113	114	114	96	99	94	79	102	93	119	1243	610	633
19	Argyll, ...	79,598	140	122	117	122	117	112	121	89	91	103	119	143	1396	673	723
20	Bute, ...	16,977	39	23	27	35	41	34	39	34	35	24	39	22	392	202	190
	VI. SOUTH-WESTERN.																
21	Renfrew, ...	195,276	487	457	503	401	458	391	385	344	352	416	421	460	5075	2528	2547
22	Ayr, ...	200,833	406	366	361	335	423	341	299	317	281	297	309	408	4143	2102	2041
23	Lanark, ...	786,946	2151	1979	2113	2030	2110	1925	1882	1854	1560	1774	1770	2057	23205	11707	11498
	VII. SOUTH-EASTERN.																
24	Linlithgow, . . .	41,605	78	72	86	83	74	79	66	81	80	65	80	78	922	464	458
25	Edinburgh, . . .	328,094	720	654	647	613	736	703	630	700	637	728	779	935	8482	4213	4269
26	Haddington, . . .	37,754	55	55	70	41	65	52	47	70	40	61	65	68	689	341	348
27	Berwick, ...	36,370	45	44	57	46	62	47	42	36	39	49	55	69	591	294	297
28	Peebles, ...	12,199	11	15	10	25	14	20	21	23	17	15	21	19	211	107	104
29	Selkirk, ...	14,333	15	29	35	24	33	26	25	36	24	32	33	27	339	179	160
	VIII. SOUTHERN.																
30	Roxburgh, . . .	53,549	86	86	81	62	74	93	84	73	77	68	79	106	969	463	506
31	Dumfries, . . .	74,828	123	119	106	117	143	138	117	117	105	98	111	147	1441	689	752
32	Kirkcudbright, . . .	42,082	69	55	67	42	61	46	58	56	52	54	56	67	683	317	366
33	Wigtown, . . .	38,565	60	60	52	49	45	66	54	40	47	53	50	63	639	325	314

MARRIAGES

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1871.

	Population.		Marriages.											
	1861	1871	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Total.
SCOTLAND, -	3,062,294	3,358,613	2758	1402	1255	1421	1180	3345	2512	1536	1376	1598	2293	3290	23966
DIVISIONS.															
NORTHERN,	130,422	126,552	57	69	47	32	28	45	9	28	46	32	89	105	587
NORTH-WESTERN,	167,242	166,261	101	104	66	38	61	75	50	35	25	45	63	139	802
NORTH-EASTERN,	366,870	393,197	241	113	104	125	157	383	218	146	121	193	202	408	2411
EAST-MIDLAND,	523,822	559,187	528	179	203	238	185	534	321	244	200	228	361	561	3782
WEST-MIDLAND,	242,507	250,982	152	92	76	97	58	209	161	83	87	106	155	199	1475
SOUTH-WESTERN,	1,008,253	1,183,055	1222	565	505	571	449	1342	1302	666	615	671	972	1226	10106
SOUTH-EASTERN,	408,962	470,355	365	209	179	250	187	541	346	270	218	223	341	447	3576
SOUTHERN,	214,216	209,024	92	71	75	70	55	216	105	64	64	100	110	205	1227
I. NORTHERN.															
Shetland,	31,670	31,605	21	26	9	6	5	3	1	5	11	9	19	42	157
Orkney,	32,395	31,272	11	18	19	9	11	13	3	3	11	9	28	13	148
Caithness,	42,200	41,008	14	7	11	13	7	21	3	16	21	9	26	34	182
Sutherland,	24,157	22,667	11	18	8	4	5	8	2	4	3	5	16	16	100
II. NORTH-WESTERN.															
Ross and Cromarty,	82,427	82,036	53	45	31	11	29	32	20	16	14	23	37	70	381
Inverness,	84,815	84,225	48	59	35	27	32	43	30	19	11	22	26	69	421
III. NORTH-EASTERN.															
Nairn,	8,347	8,372	3	3	1	4	3	7	3	2	2	5	0	11	44
Elgin (or Moray),	44,305	44,535	14	9	12	10	13	30	22	10	6	19	10	38	193
Banff,	56,020	58,870	31	17	15	12	17	57	31	22	22	31	30	69	354
Aberdeen,	223,474	246,301	181	77	68	94	115	257	147	101	89	115	134	250	1628
Kincardine,	34,724	35,119	12	7	8	5	9	32	15	11	2	23	28	40	192
IV. EAST-MIDLAND.															
Forfar,	206,750	240,010	281	90	79	109	100	279	147	127	102	119	128	256	1817
Perth,	133,198	128,519	92	36	50	45	26	108	61	42	36	50	71	133	750
Fife,	155,021	160,499	134	47	64	71	51	120	95	60	55	55	143	149	1044
Kinross,	8,731	7,928	6	2	3	3	3	6	3	5	0	1	7	10	49
Clackmannan,	20,122	22,231	15	4	7	10	5	21	15	10	7	3	12	13	122
V. WEST-MIDLAND.															
Stirling,	88,138	93,312	76	36	31	35	28	103	93	45	39	51	54	96	687
Dumbarton,	54,179	61,095	33	22	15	20	16	53	48	18	23	31	52	44	375
Argyll,	83,859	79,598	38	25	22	33	8	41	14	16	18	18	39	47	319
Bute,	16,331	16,977	5	9	8	9	6	12	6	4	7	6	10	12	94
VI. SOUTH-WESTERN.															
Renfrew,	168,746	195,276	159	88	89	98	66	185	200	132	93	112	161	212	1595
Ayr,	199,063	200,833	155	84	75	95	53	207	149	110	93	97	150	246	1514
Lanark,	640,444	786,946	908	393	341	378	330	950	953	424	429	462	661	768	6997
VII. SOUTH-EASTERN.															
Linlithgow,	39,045	41,605	31	18	9	13	16	44	30	28	12	26	25	36	288
Edinburgh,	273,799	328,094	279	163	147	201	135	402	275	208	175	152	267	329	2733
Haddington,	37,626	37,754	22	8	8	10	21	39	20	10	9	15	19	22	203
Berwick,	36,488	36,370	16	11	6	18	11	25	8	9	16	15	18	37	190
Peebles,	11,269	12,199	7	3	4	4	3	8	5	7	2	6	4	10	63
Selkirk,	10,735	14,333	10	6	5	4	1	23	8	8	4	9	8	13	99
VIII. SOUTHERN.															
Roxburgh,	53,722	53,549	32	18	24	28	18	62	24	16	11	21	22	62	338
Dumfries,	75,904	74,828	37	23	25	21	23	88	41	26	24	39	38	75	460
Kirkcudbright,	42,745	42,082	15	15	14	12	11	37	20	12	10	17	27	41	231
Wigtown,	41,845	38,565	8	15	12	9	3	29	20	10	19	23	23	27	198

VACCINATIONS IN SCOTLAND—1870.

		Sucessfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1870.
				On the ground of Constitutional Insusceptibility.	In respect of the children having already had Small-pox.	On the ground of previous Successful Vaccination.			
	SCOTLAND, -	101875	843	215	28	229	9724	2532	115446
	DIVISIONS.								
1	NORTHERN, . .	2689	169	15	0	0	173	106	3152
2	NORTH-WESTERN, .	3590	219	25	1	7	386	150	4378
3	NORTH-EASTERN, .	12159	67	20	0	3	895	75	13219
4	EAST-MIDLAND, . .	15742	103	35	0	66	1520	237	17703
5	WEST-MIDLAND, .	7233	51	8	1	11	590	154	8048
6	SOUTH-WESTERN, .	40328	99	71	26	131	4243	1275	46173
7	SOUTH-EASTERN, .	14333	91	24	0	5	1435	426	16314
8	SOUTHERN, . .	5801	44	17	0	6	482	109	6459
	I. NORTHERN.								
1	Shetland, . . .	599	34	0	0	0	38	74	745
2	Orkney, . . .	696	20	5	0	0	37	6	764
3	Caithness, . . .	939	111	6	0	0	73	18	1147
4	Sutherland, . . .	455	4	4	0	0	25	8	496
	II. NORTH-WESTERN.								
5	Ross and Cromarty, .	1738	128	18	0	7	193	65	2149
6	Inverness, . . .	1852	91	7	1	0	193	85	2229
	III. NORTH-EASTERN.								
7	Nairn, . . .	210	0	0	0	1	20	4	235
8	Elgin or Moray, . .	1284	20	10	0	0	103	8	1425
9	Banff, . . .	1751	13	7	0	0	113	12	1896
10	Aberdeen, . . .	7824	30	2	0	2	598	46	8502
11	Kincardine, . . .	1090	4	1	0	0	61	5	1161
	IV. EAST-MIDLAND.								
12	Forfar, . . .	7159	20	26	0	61	843	109	8218
13	Perth, . . .	3255	30	4	0	5	253	46	3593
14	Fife, ...	4524	48	4	0	0	349	75	5000
15	Kinross, . . .	191	1	0	0	0	10	3	205
16	Clackmannan, . .	613	4	1	0	0	65	4	687
	V. WEST-MIDLAND.								
17	Stirling, . . .	3057	14	2	0	8	277	39	3397
18	Dumbarton, . .	1944	12	2	1	3	159	45	2166
19	Argyll, . . .	1874	22	3	0	0	135	45	2079
20	Bute, . . .	358	3	1	0	0	19	25	406
	VI. SOUTH-WESTERN.								
21	Renfrew, . . .	6337	26	17	10	25	687	216	7318
22	Ayr, ...	6631	24	12	0	1	584	92	7344
23	Lanark, . . .	27360	49	42	16	105	2972	967	31511
	VII. SOUTH-EASTERN.								
24	Linlithgow, . . .	1527	4	2	0	0	163	41	1737
25	Edinburgh, . . .	9938	64	14	0	1	1010	346	11373
26	Haddington, . .	1100	6	1	0	3	86	19	1215
27	Berwick, . . .	1000	8	5	0	0	96	10	1119
28	Peebles, . . .	354	2	2	0	1	36	5	400
29	Selkirk, . . .	414	7	0	0	0	44	5	470
	VIII. SOUTHERN.								
30	Roxburgh, . . .	1547	8	5	0	0	140	14	1714
31	Dumfries, . . .	2093	19	9	0	5	168	37	2331
32	Kirkcudbright, . .	1151	15	1	0	1	94	25	1287
33	Wigtown, . . .	1010	2	2	0	0	80	33	1127

Total DEATHS from all Causes at Four Periods of Life in the Eight Principal Towns of Scotland.—Year 1871.

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
ALL CAUSES .	13889	3568	9089	4855	31401
SPECIFIED CAUSES .	13678	3547	8994	4848	31067
DISEASES:—					
I. Zymotic Class .	4654	1345	1377	346	7722
II. Dropsy, Cancer, and others of uncertain seat .	62	55	510	320	947
III. Tubercular Class	1630	1212	2554	120	5516
IV. Of Brain, etc.	777	215	687	749	2428
V. Of Heart, etc. .	21	72	719	475	1287
VI. Of Resp. Organs .	3465	272	1515	1046	6298
VII. Of Digest. Organs	1115	105	542	305	2067
VIII. Of Kidneys, etc. .	31	49	205	118	403
IX. Of Uterus, etc. .	1	15	224	15	255
X. Of Joints, Bones, etc.	10	48	51	33	142
XI. Of Skin, etc. .	14	1	11	6	32
XII. Malformations .	62	–	–	–	62
XIII. Debility from Premature Birth .	1510	–	–	–	1510
XIV. Atrophy . .	89	28	79	–	196
XV. Age . . .	–	–	–	1168	1168
XVI. Sudden . . .	21	4	53	16	94
XVII. Violence, Privation, etc. . .	216	126	467	131	940
I. Small-pox . .	203	313	355	10	880
Measles . . .	1326	105	4	–	1435
Scarlatina . .	604	302	28	2	936
Diphtheria . .	222	93	21	3	339
Hooping-Cough .	855	56	–	–	911
Croup . . .	370	48	1	–	419
Thrush . . .	19	–	–	–	19
Diarrhœa . .	578	24	71	101	774
Dysentery . .	15	2	21	22	60
Cholera . .	20	–	4	6	30
Influenza . .	2	5	13	10	30
Purpura; Scurvy .	6	8	6	3	23
Ague . .	–	–	2	1	3
Worms . . .	5	4	–	–	9
Typhus Fever .	48	120	389	61	618
Enteric Fever .	95	154	140	29	418
Relapsing Fever .	73	54	157	53	337
Simple Cont. Fever	11	7	7	2	27
Infant. Rem. Fever	48	15	1	–	64
Metria . . .	–	4	71	–	75
Rheumatic Fever .	–	16	19	4	39
Erysipelas . .	59	9	42	37	147
Pyæmia . . .	2	3	3	1	9
Syphilis . . .	91	–	19	–	110
Noma . . .	2	3	1	1	7
Hydrophobia .	1	–	2	–	3
II. Hæmorrhage .	13	3	21	9	46
Dropsy . . .	17	31	124	95	267
Abscess . .	17	11	26	10	64
Ulcer . . .	6	1	14	9	30
Fistula . . .	–	1	9	2	12
Mortification .	7	1	14	26	48
Cancer . . .	2	7	301	162	472
Gout . . .	–	–	1	7	8
III. Scrofula . .	135	98	44	10	287
Tabes Mesenterica	330	87	17	2	436
Phthisis . .	330	889	2488	108	3815
Hydrocephalus .	835	138	5	–	978

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
IV. Cephalitis .	132	63	40	2	237
Apoplexy . .	80	36	185	212	513
Paralysis . .	8	5	212	433	658
Delirium Tremens	–	–	23	1	24
Chorea . . .	–	2	1	–	3
Epilepsy . .	4	8	37	16	65
Tetanus . . .	10	2	7	1	20
Insanity . .	–	1	15	9	25
Convulsions . .	452	15	4	1	472
Dis. of Brain, etc.	91	83	163	74	411
V. Pericarditis . .	2	5	5	3	15
Aneurism . .	–	–	39	4	43
Dis. of Heart, etc.	19	67	675	468	1229
VI. Laryngitis . .	32	4	11	1	48
Bronchitis . .	2727	157	872	802	4558
Pleurisy . .	12	7	51	11	81
Pneumonia . .	632	83	403	130	1248
Asthma . .	1	1	76	70	148
Dis. of Lungs, etc.	61	20	102	32	215
VII. Teething . .	550	1	–	–	551
Quinsey . .	13	5	2	–	20
Gastritis . .	30	6	13	9	58
Enteritis . .	254	30	66	34	384
Peritonitis . .	20	13	54	16	103
Ascites . .	1	–	14	6	21
Ulcer. of Intest. .	3	7	37	13	60
Hernia . . .	6	1	30	21	58
Ileus . . .	21	6	30	24	81
Intussusception .	2	–	2	1	5
Strict. of Intest. .	1	1	5	4	11
Dis. of Stomach .	149	17	90	70	326
Dis. of Pancreas .	–	–	–	–	–
Hepatitis . .	6	4	24	7	41
Jaundice . .	31	–	12	15	58
Dis. of Liver .	28	14	157	84	283
Dis. of Spleen .	–	–	6	1	7
VIII. Nephritis . .	3	12	18	3	36
Nephria . .	8	10	59	19	96
Addison's Disease	–	–	2	1	3
Ischuria . .	2	–	5	8	15
Diabetes . .	3	4	21	5	33
Stone . . .	1	2	4	11	18
Cystitis . . .	1	1	8	12	22
Strict. of Urethra	–	–	3	2	5
Dis. of Kidneys .	13	20	85	57	175
IX. Paramenia . .	–	2	5	2	9
Ovarian Dropsy .	–	1	24	8	33
Childbirth . .	–	9	173	–	182
Dis. of Uterus .	1	3	22	5	31
X. Arthritis . .	3	3	8	1	15
Rheumatism .	1	8	19	29	57
Dis. of Joints, etc.	6	37	24	3	70
XI. Carbuncle . .	2	–	5	2	9
Phlegmon . .	–	1	3	1	5
Dis. of Skin . .	12	–	3	3	18
XVII. Intemperance .	–	–	59	12	71
Privation of Food	2	1	2	1	6
Wt. Breast-milk .	55	–	–	–	55
Neglect . .	–	–	–	–	–
Cold . . .	1	–	–	1	2
Poison . . .	9	1	11	2	23
Poisoned Wounds	1	–	–	–	1
Burns and Scalds	52	12	18	9	91
Hanging, etc. .	1	1	13	5	20
Suffocation . .	48	1	15	6	70
Drowning . .	2	27	88	14	131
Fractures & Contus.	30	72	234	73	409
Gunshot Wounds	–	–	2	–	2
Cuts and Stabs .	–	2	11	2	15
Other Vio. Causes	15	9	14	6	44
Not specified .	211	21	95	7	334

DEATHS from all Causes at Four Periods of Life Year 1871.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
All Causes . . .	7672	1753	4463	1897	15785	2079	609	1708	1044	5440	1372	442	1006	510	3330	770	207	542	473	199
Specified Causes . .	7581	1741	4388	1892	15602	2065	608	1704	1044	5421	1353	440	1004	510	3307	765	204	538	473	198
Diseases :—																				
I. Zymotic Class	2428	486	580	140	3634	822	332	268	61	1483	497	257	244	40	1038	286	72	69	31	45
II. Dropsy, Cancer, and others of uncertain seat	19	33	217	110	379	16	7	125	78	226	7	9	53	39	108	7	1	42	33	8
III. Tubercular Class	922	712	1288	53	2975	233	125	444	21	823	147	106	258	9	520	88	73	179	21	36
IV. Of Brain, etc .	411	118	283	255	1067	134	33	155	183	505	84	16	82	69	251	54	14	50	78	19
V. Of Heart, etc. .	9	23	322	157	511	4	24	168	136	332	2	4	72	59	137	2	8	56	45	11
VI. Of Resp. Organs .	2152	179	898	477	3706	457	24	234	222	937	284	20	159	92	555	132	13	53	93	29
VII. Of Digest. Organs	690	55	259	114	1118	104	19	104	65	292	79	11	43	24	157	63	8	37	39	14
VIII. Of Kidneys, etc. .	15	23	94	41	173	10	14	49	35	108	1	3	12	7	23	2	3	21	19	4
IX. Of Uterus, etc. .	–	9	108	7	124	1	2	37	2	42	–	2	19	2	23	–	–	14	3	1
X. Of Joints, Bones, etc.	4	24	22	10	60	2	7	14	6	29	2	4	3	4	13	–	1	3	6	1
XI. Of Skin, etc.	5	1	4	5	15	3	–	1	–	4	–	–	1	–	1	3	–	3	–	
XII. Malformations .	23	–	–	–	23	18	–	–	–	18	10	–	–	–	10	4	–	–	–	
XIII. Debility from Premature Birth .	737	–	–	–	737	216	–	–	–	216	210	–	–	–	210	97	–	–	–	9
XIV. Atrophy . .	50	13	36	–	99	9	3	12	–	24	6	1	11	–	18	5	4	3	–	1
XV. Age . . .	–	–	–	458	458	–	–	–	203	203	–	–	–	153	153	–	–	–	95	9
XVI. Sudden . .	11	2	39	9	61	1	–	1	2	4	3	1	6	1	11	1	–	1	–	
XVII. Violence, Privation, etc. . .	105	63	238	56	462	35	18	92	30	175	21	6	41	11	79	21	7	7	10	4
I. Small-pox . .	62	48	69	1	180	27	42	98	2	169	82	170	119	4	375	4	10	18	1	3
Measles . . .	894	69	2	–	965	214	20	2	–	236	17	2	–	–	19	89	9	–	–	9
Scarlatina . .	220	97	10	1	328	199	132	10	–	341	18	2	1	–	21	34	16	3	1	5
Diphtheria . .	80	28	5	1	114	95	43	15	–	153	11	2	–	1	14	6	6	–	–	1
Hooping-Cough .	505	30	–	–	535	45	6	–	–	51	161	11	–	–	172	70	5	–	–	7
Croup . . .	187	21	1	–	209	67	11	–	–	78	18	5	–	–	23	28	1	–	–	2
Thrush . . .	4	–	–	–	4	5	–	–	–	5	3	–	–	–	3	3	–	–	–	
Diarrhœa . .	241	13	37	37	328	78	2	6	19	105	135	7	10	15	167	28	–	9	11	4
Dysentery . .	5	1	9	5	20	1	–	1	8	10	4	1	7	3	15	5	–	–	2	
Cholera . . .	13	–	1	–	14	3	–	1	1	5	1	–	–	2	3	–	–	–	1	
Influenza . .	2	4	9	5	20	–	–	–	–	–	–	–	1	–	1	–	–	3	3	
Purpura; Scurvy .	1	2	1	–	4	–	1	1	1	3	1	2	1	–	4	2	2	1	–	
Ague . . .	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	
Worms . . .	4	4	–	–	8	–	–	–	–	–	1	–	–	–	1	–	–	–	–	
Typhus Fever .	17	50	190	29	286	5	28	58	8	99	6	13	49	6	74	–	6	7	–	1
Enteric Fever .	55	56	59	10	180	7	32	35	7	81	13	29	22	2	66	4	11	12	5	3
Relapsing Fever .	64	35	114	34	247	5	6	3	3	17	4	6	19	5	34	–	1	1	1	
Simple Cont. Fever	7	5	6	1	19	1	1	–	–	2	–	–	1	–	1	1	–	–	–	
Infant. Rem. Fever	18	6	1	–	25	15	–	–	–	15	3	3	–	–	6	1	2	–	–	
Metria . . .	–	3	31	–	34	–	–	16	–	16	–	–	6	–	6	–	–	7	–	
Rheumatic Fever .	–	5	8	2	15	–	6	6	1	13	–	2	1	–	3	–	3	1	–	
Erysipelas . .	21	5	13	13	52	21	1	11	11	44	7	1	6	1	15	2	–	4	6	1
Pyæmia . . .	1	3	–	1	5	–	–	2	–	2	–	–	–	–	–	–	–	–	–	
Syphilis . .	26	–	11	–	37	33	–	3	–	36	12	–	–	–	12	9	–	3	–	1
Noma . . .	–	1	1	–	2	1	1	–	–	2	–	1	–	–	1	–	–	–	–	
Hydrophobia .	1	–	2	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
II. Hæmorrhage .	5	2	14	2	23	3	–	4	4	11	2	1	1	1	5	2	–	–	–	
Dropsy . . .	6	22	58	40	126	2	3	16	9	30	1	3	18	15	37	3	–	5	7	1
Abscess . . .	5	6	9	3	23	4	2	5	1	12	3	2	1	2	8	–	–	5	1	
Ulcer . . .	2	–	3	–	5	2	1	6	3	12	–	–	1	1	2	2	–	4	4	1
Fistula . . .	–	–	4	1	5	–	1	3	–	4	–	–	–	–	–	–	–	1	–	
Mortification .	1	–	4	5	10	3	–	4	8	15	1	1	2	4	8	–	–	2	4	
Cancer . . .	–	3	124	58	185	2	–	87	49	138	–	2	30	16	48	–	1	25	16	4
Gout . . .	–	–	1	1	2	–	–	–	4	4	–	–	–	–	–	–	–	–	1	
III. Scrofula . .	71	54	19	3	147	18	7	13	2	40	11	5	1	–	17	7	9	6	3	2
Tabes Mesenterica	201	56	3	2	262	54	12	2	–	68	25	4	1	–	30	10	5	5	–	2
Phthisis . .	227	534	1266	48	2075	17	94	426	19	556	25	78	255	9	367	15	44	168	18	24
Hydrocephalus .	423	68	–	–	491	144	12	3	–	159	86	19	1	–	106	56	15	–	–	7

Year 1871.

CAUSES OF DEATH.	PAISLEY.					GREENOCK.					LEITH.					PERTH.					Grand Total.
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	
All Causes . . .	528	160	431	335	1454	842	188	498	242	1770	470	146	277	187	1080	156	63	164	167	550	31401
Specified Causes . .	496	159	429	335	1419	797	187	492	240	1716	467	145	275	187	1074	154	63	164	167	548	31067
Diseases:—																					
I. Zymotic Class .	146	38	63	38	285	271	63	86	20	440	156	83	54	12	305	48	14	13	4	79	7722
II. Dropsy, Cancer, and others of uncertain seat .	6	1	28	23	58	6	1	26	12	45	1	3	12	14	30	–	–	7	11	18	947
III. Tubercular Class	73	79	119	3	274	88	62	137	9	296	61	25	62	1	149	18	30	67	3	118	5516
IV. Of Brain, etc. .	16	13	34	61	124	36	12	32	37	117	32	5	33	32	102	10	4	18	34	66	2428
V. Of Heart, etc. .	–	4	29	19	52	2	2	34	26	64	1	5	24	17	47	1	2	14	16	33	1287
VI. Of Resp. Organs .	104	8	70	54	236	196	13	57	42	308	107	9	29	38	183	33	6	15	28	82	6298
VII. Of Digest. Organs	72	5	33	25	135	74	3	30	13	120	27	3	26	13	69	6	1	10	12	29	2067
VIII. Of Kidneys, etc. .	1	2	7	4	14	–	2	8	6	16	1	2	6	3	12	1	–	8	3	12	403
IX. Of Uterus, etc. .	–	–	18	–	18	–	2	14	–	16	–	–	11	1	12	–	–	3	–	3	255
X. Of Joints, Bones, etc.	1	–	2	1	4	1	7	5	3	16	–	2	1	3	6	–	3	1	–	4	142
XI. Of Skin, etc. . .	1	–	1	–	2	2	–	1	–	3	–	–	–	1	1	–	–	–	–	–	32
XII. Malformations .	1	–	–	–	1	4	–	–	–	4	1	–	–	–	1	1	–	–	–	1	62
XIII. Debility from Premature Birth .	60	–	–	–	60	99	–	–	–	99	64	–	–	–	64	27	–	–	–	27	1510
XIV. Atrophy . .	3	1	6	–	10	7	5	7	–	19	3	–	3	–	6	6	1	1	–	8	196
XV. Age . . .	–	–	–	102	102	–	–	–	61	61	–	–	–	47	47	–	–	–	49	49	1168
XVI. Sudden . .	2	–	1	1	4	–	–	5	1	6	3	1	–	–	4	–	–	–	2	2	94
XVII. Violence, Privation, etc. .	10	8	18	4	40	11	15	50	10	86	10	7	14	5	36	3	2	7	5	17	940
I. Small-pox . .	3	–	–	–	3	9	8	13	–	30	14	34	32	2	82	1	1	6	–	8	880
Measles . .	39	4	–	–	43	51	1	–	–	52	19	–	–	–	19	3	–	–	–	3	1435
Scarlatina . .	20	9	–	–	29	80	23	3	–	106	29	23	1	–	53	4	–	–	–	4	936
Diphtheria . .	5	3	–	1	9	13	1	–	–	14	11	8	1	–	20	1	2	–	–	3	339
Hooping-Cough .	9	–	–	–	9	44	3	–	–	47	3	–	–	–	3	18	1	–	–	19	911
Croup . . .	15	1	–	–	16	23	–	–	–	23	22	8	–	–	30	10	1	–	–	11	419
Thrush . . .	3	–	–	–	3	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	19
Diarrhœa . .	24	1	–	11	36	22	1	4	5	32	43	–	3	1	47	7	–	2	2	11	774
Dysentery . .	–	–	–	–	–	–	–	4	1	5	–	–	–	3	3	–	–	–	–	–	60
Cholera . .	–	–	–	1	1	2	–	1	1	4	1	–	1	–	2	–	–	–	–	–	30
Influenza . .	–	–	–	1	1	–	1	–	1	2	–	–	–	–	–	–	–	–	–	–	30
Purpura; Scurvy	–	–	–	–	–	1	–	1	2	4	1	1	–	–	2	–	–	1	–	1	23
Ague . . .	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Worms . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
Typhus Fever .	11	10	39	12	72	7	6	40	4	57	2	3	4	2	11	–	4	2	–	6	618
Enteric Fever .	3	2	6	2	13	5	15	2	1	23	7	5	3	1	16	1	4	1	1	7	418
Relapsing Fever .	–	4	9	6	19	–	1	7	3	11	–	–	4	1	5	–	1	–	–	1	337
Simple Cont. Fever	–	–	–	–	–	1	1	–	–	2	–	–	–	1	1	1	–	–	–	1	27
Infant. Rem. Fever	6	3	–	–	9	4	–	–	–	4	–	1	–	–	1	1	–	–	–	1	64
Metria . . .	–	1	4	–	5	–	–	4	–	4	–	–	3	–	3	–	–	–	–	–	75
Rheumatic Fever .	–	–	1	1	2	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	39
Erysipelas . .	3	–	1	3	7	2	2	5	2	11	3	–	1	–	4	–	–	1	1	2	147
Pyæmia . . .	–	–	1	–	1	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	9
Syphilis . .	5	–	1	–	6	4	–	–	–	4	1	–	1	–	2	1	–	–	–	1	110
Noma . . .	–	–	–	–	–	1	–	–	–	1	–	–	–	1	1	–	–	–	–	–	7
Hydrophobia .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
II. Hæmorrhage .	–	–	–	1	1	1	–	2	–	3	–	–	–	1	1	–	–	–	–	–	46
Dropsy . . .	4	1	11	9	25	1	1	9	5	16	–	1	7	5	13	–	–	–	5	5	267
Abscess . .	1	–	2	2	5	3	–	1	1	5	1	1	3	–	5	–	–	–	–	–	64
Ulcer . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	30
Fistula . . .	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	12
Mortification .	1	–	1	1	3	1	–	1	2	4	–	–	–	1	1	–	–	–	1	1	48
Cancer . . .	–	–	14	10	24	–	–	12	3	15	–	1	2	6	9	–	–	7	4	11	472
Gout . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	8
III. Scrofula . .	3	10	3	–	16	19	8	–	1	28	5	1	–	–	6	1	4	2	1	8	287
Tabes Mesenterica	20	2	2	–	24	8	4	1	–	13	9	2	–	–	11	3	2	3	–	8	436
Phthisis . .	16	61	114	3	194	25	40	135	8	208	5	18	62	1	86	–	20	62	2	84	3815
Hydrocephalus .	34	6	–	–	40	36	10	1	–	47	42	4	–	–	46	14	4	–	–	18	978

DEATHS from all Causes at Four Periods of Life
Year 1871.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
IV. Cephalitis	79	31	17	–	127	33	12	12	–	57	2	4	4	1	11	9	5	2	1	17
Apoplexy	49	21	80	72	222	11	3	37	50	101	7	2	28	27	64	2	2	7	24	35
Paralysis	2	4	83	147	236	4	–	47	106	157	–	1	24	37	62	1	–	14	43	58
Delirium Tremens	–	–	12	–	12	–	–	4	–	4	–	–	2	–	2	–	–	2	–	2
Chorea	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Epilepsy	2	5	9	6	22	2	1	14	3	20	–	1	6	2	9	–	–	3	2	5
Tetanus	2	1	4	–	7	3	–	–	–	3	–	1	1	–	2	–	–	–	–	–
Insanity	–	1	–	1	2	–	–	7	2	9	–	–	–	–	–	–	–	1	4	5
Convulsions	223	8	2	1	234	66	3	1	–	70	73	2	–	–	75	34	–	–	–	34
Dis. of Brain, etc.	54	46	76	28	204	15	14	33	22	84	2	5	17	2	26	8	7	20	4	39
V. Pericarditis	–	2	2	2	6	2	1	1	–	4	–	–	1	–	1	–	–	1	1	2
Aneurism	–	–	13	1	14	–	–	16	1	17	–	–	2	–	2	–	–	5	1	6
Dis. of Heart, etc.	9	21	307	154	491	2	23	151	135	311	2	4	69	59	134	2	8	50	43	103
VI. Laryngitis	15	1	4	–	20	8	1	5	–	14	2	1	1	1	5	4	1	–	–	5
Bronchitis	1693	111	529	375	2708	321	10	104	162	597	250	11	105	64	430	108	11	36	72	227
Pleurisy	4	4	21	2	31	5	1	18	6	30	–	2	4	–	6	–	–	–	2	2
Pneumonia	405	46	236	59	746	104	10	73	31	218	31	6	35	16	88	19	1	8	9	37
Asthma	1	1	44	25	71	–	–	9	14	23	–	–	13	10	23	–	–	4	6	10
Dis. of Lungs, etc.	34	16	64	16	130	19	2	25	9	55	1	–	1	1	3	1	–	5	4	10
VII. Teething	335	1	–	–	336	30	–	–	–	30	51	–	–	–	51	36	–	–	–	36
Quinsey	7	2	2	–	11	3	3	–	–	6	–	–	–	–	–	–	–	–	–	–
Gastritis	24	4	6	2	36	2	1	1	1	5	2	–	3	1	6	1	–	1	3	5
Enteritis	164	13	31	17	225	27	6	10	4	47	14	5	4	1	24	3	3	4	7	17
Peritonitis	5	7	20	5	37	7	2	14	5	28	3	–	5	1	9	3	1	2	–	6
Ascites	1	–	6	–	7	–	–	–	1	1	–	–	4	1	5	–	–	1	1	2
Ulcer. of Intest.	–	2	12	3	17	1	1	12	5	19	–	2	4	2	8	–	1	4	1	6
Hernia	2	1	12	7	22	1	–	4	6	11	–	–	4	1	5	1	–	3	2	6
Ileus	10	3	12	6	31	5	–	6	7	18	1	2	3	2	8	1	1	5	4	11
Intussusception	–	–	1	1	2	1	–	1	–	2	–	–	–	–	–	1	–	–	–	1
Strict. of Intest.	–	1	1	2	4	1	–	3	1	5	–	–	1	–	1	–	–	–	1	1
Dis. of Stomach	113	8	48	27	196	15	5	14	18	52	2	1	3	5	11	7	1	9	6	23
Dis. of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hepatitis	4	3	14	6	27	1	–	3	1	5	–	–	2	–	2	1	–	1	–	2
Jaundice	10	–	7	6	23	3	–	3	3	9	5	–	–	3	8	8	–	–	2	10
Dis. of Liver	15	10	85	32	142	7	1	30	12	50	1	1	10	7	19	1	1	7	12	21
Dis. of Spleen	–	–	2	–	2	–	–	3	1	4	–	–	–	–	–	–	–	–	–	–
VIII. Nephritis	1	6	13	1	21	1	5	2	–	8	–	–	–	–	–	1	–	–	1	2
Nephria	2	3	21	4	30	4	4	23	8	39	–	1	7	1	9	–	1	1	3	5
Addison's Disease	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Ischuria	1	–	4	5	10	1	–	1	2	4	–	–	–	–	–	–	–	–	–	–
Diabetes	2	3	7	3	15	–	–	2	2	4	–	–	3	–	3	–	1	4	–	5
Stone	1	1	3	4	9	–	–	–	3	3	–	–	–	1	1	–	–	–	1	1
Cystitis	1	1	3	4	9	–	–	3	6	9	–	–	1	–	1	–	–	–	2	2
Strict. of Urethra	–	–	1	1	2	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–
Dis. of Kidneys	7	9	41	19	76	4	5	16	14	39	1	2	1	5	9	1	1	15	12	29
IX. Paramenia	–	1	1	2	4	–	–	1	–	1	–	1	–	–	1	–	–	–	–	–
Ovarian Dropsy	–	–	9	3	12	–	–	7	2	9	–	–	2	1	3	–	–	2	2	4
Childbirth	–	8	88	–	96	–	1	25	–	26	–	–	15	–	15	–	–	9	–	9
Dis. of Uterus	–	–	10	2	12	1	1	4	–	6	–	1	2	1	4	–	–	3	1	4
X. Arthritis	1	3	3	–	7	1	–	3	1	5	1	–	–	–	1	–	–	1	–	1
Rheumatism	–	4	9	10	23	–	1	4	5	10	1	–	1	3	5	–	1	–	5	6
Dis. of Joints, etc.	3	17	10	–	30	1	6	7	–	14	–	4	2	1	7	–	–	2	1	3
XI. Carbuncle	–	–	2	2	4	–	–	–	–	–	–	–	1	–	1	1	–	1	–	2
Phlegmon	–	1	1	1	3	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Disease of Skin	5	–	1	2	8	3	–	1	–	4	–	–	–	–	–	2	–	1	–	3
XVII. Intemperance	–	–	31	4	35	–	–	11	4	15	–	–	3	1	4	–	–	–	1	1
Privation of Food	1	1	–	–	2	–	–	2	1	3	–	–	–	–	–	1	–	–	–	1
Wt. Breast-milk	29	–	–	–	29	11	–	–	–	11	2	–	–	–	2	3	–	–	–	3
Neglect	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cold	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	1	–	–	–	1
Poison	6	–	5	–	11	2	1	3	–	6	–	–	1	–	1	–	–	–	2	2
Poisoned Wounds	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Burns and Scalds	28	7	11	3	49	6	2	1	4	13	5	–	2	–	7	3	–	–	–	3
Hanging, etc.	1	–	3	3	7	–	–	3	–	3	–	–	2	–	2	–	–	1	–	1
Suffocation	16	1	9	5	31	10	–	5	–	15	12	–	–	–	12	6	–	–	–	6
Drowning	1	10	52	6	69	–	2	3	1	6	–	4	11	–	15	–	2	2	–	4
Fractures	18	40	116	33	207	3	9	57	18	87	1	2	21	9	33	2	5	4	5	16
Gunshot Wounds	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–
Cuts and Stabs	–	1	5	–	6	–	1	3	1	5	–	–	–	–	–	–	–	–	–	–
Other Vio. Causes	5	3	6	2	16	2	3	2	–	7	1	–	1	1	3	5	–	–	2	7
Not specified	91	12	75	5	183	14	1	4	–	19	19	2	2	–	23	5	3	4	–	12

Year 1871.

CAUSES OF DEATH.	PAISLEY.					GREENOCK.					LEITH.					PERTH.					Grand Total.
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	
IV. Cephalitis	3	3	1	–	7	4	3	1	–	8	1	2	3	–	6	1	3	–	–	4	237
Apoplexy	4	6	12	12	34	2	2	9	7	20	2	–	11	9	22	3	–	1	11	15	513
Paralysis	1	–	16	40	57	–	–	10	24	34	–	–	11	19	30	–	–	7	17	24	658
Delirium Tremens	–	–	–	–	–	–	–	2	–	2	–	–	–	1	1	–	–	1	–	1	24
Chorea	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Epilepsy	–	–	–	1	1	–	–	2	–	2	–	1	2	–	3	–	–	1	2	3	65
Tetanus	1	–	–	1	2	1	–	1	–	2	–	–	1	–	1	3	–	–	–	3	20
Insanity	–	–	1	–	1	–	–	1	1	2	–	–	2	–	2	–	–	3	1	4	25
Convulsions	6	2	–	–	8	20	–	1	–	21	29	–	–	–	29	1	–	–	–	1	472
Dis. of Brain, etc.	1	1	4	7	13	9	7	5	5	26	–	2	3	3	8	2	1	5	3	11	411
V. Pericarditis	–	1	–	–	1	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	15
Aneurism	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	1	1	2	43
Dis. of Heart, etc.	–	3	29	19	51	2	1	34	26	63	1	5	22	17	45	1	2	13	15	31	1229
VI. Laryngitis	2	–	–	–	2	1	–	–	–	1	–	–	1	–	1	–	–	–	–	–	48
Bronchitis	80	4	46	43	173	162	5	31	35	233	84	3	15	29	131	29	2	6	22	59	4558
Pleurisy	–	–	4	–	4	3	–	3	–	6	–	–	1	1	2	–	–	–	–	–	81
Pneumonia	20	4	15	6	45	30	6	18	3	57	19	6	10	5	40	4	4	8	1	17	1248
Asthma	–	–	2	4	6	–	–	2	4	6	–	–	1	2	3	–	–	1	5	6	148
Dis. of Lungs, etc.	2	–	3	1	6	–	2	3	–	5	4	–	1	1	6	–	–	–	–	–	215
VII. Teething	35	–	–	–	35	47	–	–	–	47	11	–	–	–	11	5	–	–	–	5	551
Quinsey	–	–	–	–	–	3	–	–	–	3	–	–	–	–	–	–	–	–	–	–	20
Gastritis	–	1	–	2	3	–	–	2	–	2	1	–	–	–	1	–	–	–	–	–	58
Enteritis	24	2	8	3	37	13	–	4	–	17	9	1	2	1	13	–	–	3	1	4	384
Peritonitis	–	–	1	–	1	1	1	4	3	9	1	1	6	1	9	–	1	2	1	4	103
Ascites	–	–	2	–	2	–	–	1	3	4	–	–	–	–	–	–	–	–	–	–	21
Ulcer. of Intest.	1	–	4	–	5	–	1	–	–	1	1	–	1	1	3	–	–	–	1	1	60
Hernia	2	–	3	4	9	–	–	2	–	2	–	–	–	1	1	–	–	2	–	2	58
Ileus	2	–	–	2	4	2	–	–	1	3	–	–	2	2	4	–	–	2	–	2	81
Intussusception	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
Strict. of Intest.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
Dis. of Stomach	5	1	7	6	19	4	1	5	–	10	3	–	4	6	13	–	–	–	2	2	326
Dis. of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hepatitis	–	1	2	–	3	–	–	1	–	1	–	–	1	–	1	–	–	–	–	–	41
Jaundice	1	–	–	–	1	3	–	1	–	4	1	–	–	–	1	–	–	1	1	2	58
Dis. of Liver	2	–	6	8	16	1	–	10	6	17	–	1	9	1	11	1	–	–	6	7	283
Dis. of Spleen	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	7
VIII. Nephritis	–	–	–	1	1	–	–	2	–	2	–	1	1	–	2	–	–	–	–	–	36
Nephria	–	–	–	–	–	–	1	3	2	6	1	–	1	–	2	1	–	3	1	5	96
Addison's Disease	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	3
Ischuria	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	15
Diabetes	1	–	3	–	4	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	33
Stone	–	1	1	–	2	–	–	–	1	1	–	–	–	–	–	–	–	–	1	1	18
Cystitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	22
Strict. of Urethra	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	5
Dis. of Kidneys	–	1	3	2	6	–	1	3	1	5	–	1	4	3	8	–	–	2	1	3	175
IX. Paramenia	–	–	1	–	1	–	–	1	–	1	–	–	1	–	1	–	–	–	–	–	9
Ovarian Dropsy	–	–	1	–	1	–	1	3	–	4	–	–	–	–	–	–	–	–	–	–	33
Childbirth	–	–	16	–	16	–	–	8	–	8	–	–	9	–	9	–	–	3	–	3	182
Dis. of Uterus	–	–	–	–	–	–	1	2	–	3	–	–	1	1	2	–	–	–	–	–	31
X. Arthritis	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	15
Rheumatism	–	–	2	1	3	–	–	1	2	3	–	2	1	3	6	–	–	1	–	1	57
Dis. of Joints, etc.	1	–	–	–	1	1	7	3	1	12	–	–	–	–	–	–	3	–	–	3	70
XI. Carbuncle	1	–	1	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
Phlegmon	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	5
Disease of Skin	–	–	–	–	–	2	–	–	–	2	–	–	–	1	1	–	–	–	–	–	18
XVII. Intemperance	–	–	3	–	3	–	–	10	2	12	–	–	–	–	–	–	–	1	–	1	71
Privation of Food	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
Wt. Breast-milk	2	–	–	–	2	3	–	–	–	3	3	–	–	–	3	2	–	–	–	2	55
Neglect	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cold	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Poison	–	–	–	–	–	1	–	2	–	3	–	–	–	–	–	–	–	–	–	–	23
Poisoned Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Burns and Scalds	4	1	2	–	7	1	1	1	1	4	4	1	1	–	6	1	–	–	1	2	91
Hanging, etc.	–	–	1	1	2	–	–	1	–	1	–	–	–	1	1	–	1	2	–	3	20
Suffocation	–	–	–	–	–	2	–	–	–	2	2	–	1	1	4	–	–	–	–	–	70
Drowning	–	2	4	1	7	1	3	12	3	19	–	3	3	3	9	–	1	1	–	2	131
Fractures	2	4	5	2	13	3	11	20	2	36	1	1	8	–	10	–	–	3	4	7	409
Gunshot Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Cuts and Stabs	–	–	1	–	1	–	–	1	1	2	–	–	1	–	1	–	–	–	–	–	15
Other Vio. Causes	2	1	2	–	5	–	–	3	1	4	–	2	–	–	2	–	–	–	–	–	44
Not specified	32	1	2	–	35	45	1	6	2	54	3	1	2	–	6	2	–	–	–	2	334

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
ALL CAUSES	2950	2577	2763	2510	2800	2567	2438	2450	2154	2476	2611	3105	31401
SPECIFIED CAUSES . . .	2913	2551	2733	2488	2773	2535	2404	2419	2138	2441	2591	3081	31067
DISEASES:—													
I. Zymotic Class . .	571	499	571	474	661	666	624	660	624	654	721	997	7722
II. Dropsy, Cancer, and others of uncertain seat	101	67	86	83	96	70	76	85	71	69	67	76	947
III. Tubercular Class . .	472	434	544	502	581	524	486	434	382	373	403	381	5516
IV. Of Brain, Nerves, etc. .	226	191	205	179	245	190	196	205	158	201	207	225	2428
V. Of Heart, etc. . .	133	104	108	115	108	104	85	122	68	120	107	113	1287
VI. Of Respiratory Organs.	760	691	628	574	547	443	340	291	326	468	543	687	6298
VII. Of Digestive Organs .	180	162	162	161	155	167	196	227	169	178	151	159	2067
VIII. Of Kidneys, etc. . .	43	23	28	32	30	30	35	24	32	37	46	43	403
IX. Of Uterus, viz. Puerperal Disease, etc. .	22	19	34	29	17	17	27	20	13	17	17	23	255
X. Of Joints, Bones, viz. Rheumatism, etc. .	12	11	14	14	15	9	15	11	8	16	9	8	142
XI. Of Skin, etc. . . .	1	4	2	4	1	2	4	2	1	6	4	1	32
XII. Malformations . .	8	5	5	6	6	5	5	6	4	3	4	5	62
XIII. Debility from Premature Birth, etc. . . .	142	124	146	124	108	119	124	152	125	121	107	118	1510
XIV. Atrophy . . .	18	30	18	17	18	13	12	15	15	8	14	18	196
XV. Age	115	99	102	106	96	89	103	73	72	84	103	126	1168
XVI. Sudden	13	7	8	5	10	10	6	4	6	2	8	15	94
XVII. Violence, Privation, etc.	96	81	72	63	79	77	70	88	64	84	80	86	940
I. Small-pox . . .	20	33	36	29	29	33	24	30	47	88	157	354	880
Measles	74	45	68	122	249	275	254	124	65	40	50	69	1435
Scarlatina . . .	87	56	65	36	49	33	42	68	107	134	136	123	936
Diphtheria . . .	23	27	31	16	22	41	30	29	27	30	39	24	339
Hooping-cough . .	91	88	94	63	77	62	43	44	62	69	91	127	911
Croup	36	39	42	25	29	31	15	29	32	44	43	54	419
Thrush	1	3	–	1	2	–	–	4	1	1	2	4	19
Diarrhœa . . .	31	31	36	23	31	51	87	188	147	85	33	31	774
Dysentry . . .	2	3	5	5	–	1	5	12	13	5	4	5	60
Cholera	–	–	–	1	–	5	5	13	5	1	–	–	30
Influenza . . .	2	4	1	4	–	4	2	3	2	1	1	6	30
Purpura . . .	1	2	1	–	2	6	–	1	2	3	4	1	23
Ague	–	–	–	–	1	–	–	–	–	–	1	1	3
Worms	–	–	3	1	1	–	–	1	–	1	1	1	9
Typhus Fever . .	69	55	68	51	62	47	45	38	28	47	54	54	618
Enteric Fever . .	22	32	40	29	36	34	33	23	31	43	36	59	418
Relapsing Fever . .	57	40	41	22	26	15	19	16	16	28	32	25	337
Simple Continued Fever	4	2	2	4	5	2	–	3	2	–	2	1	27
Infantile Remitt. Fever	8	9	9	5	3	5	5	3	3	3	5	6	64
Metria	11	3	6	5	5	4	3	5	6	10	6	11	75
Rheumatic Fever . .	4	3	5	6	3	–	–	1	3	3	5	6	39
Erysipelas . . .	12	14	13	15	13	7	3	12	13	11	11	23	147
Pyæmia	1	–	1	1	–	–	–	–	3	–	2	1	9
Syphilis . . .	14	8	4	9	15	9	9	13	9	6	5	9	110
Noma (or Canker) .	1	1	–	1	1	–	–	–	–	1	1	1	7
Hydrophobia. . .	–	1	–	–	–	1	–	–	–	–	–	1	3
II. Hæmorrhage . .	4	3	6	1	6	4	6	1	1	5	4	5	46
Dropsy	28	19	23	29	30	29	23	21	7	19	21	18	267
Abscess	9	4	3	1	9	1	7	9	7	6	5	3	64
Ulcer	2	2	7	4	–	1	1	2	3	4	–	4	30
Fistula	–	–	1	–	1	–	1	2	3	–	1	3	12
Mortification . .	8	4	6	6	4	2	3	1	4	1	5	4	48
Cancer	50	35	40	40	46	33	34	49	45	33	29	38	472
Gout	–	–	–	2	–	–	1	–	1	1	2	1	8
III. Scrofula . . .	21	26	33	25	27	27	21	28	24	17	16	22	287
Tabes Mesenterica .	31	24	40	34	39	39	40	46	42	26	44	31	436
Phthisis . . .	327	296	380	356	412	360	334	285	259	267	278	261	3815
Hydrocephalus . .	93	88	91	87	103	98	91	75	57	63	65	67	978

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
IV. Cephalitis	10	16	14	24	20	23	28	23	18	14	22	25	237
Apoplexy	42	40	38	40	48	38	33	52	34	46	48	54	513
Paralysis	81	49	64	46	63	47	43	47	37	62	51	68	658
Delirium Tremens	4	1	–	3	4	2	2	4	1	1	1	1	24
Chorea	–	–	1	1	1	–	–	–	–	–	–	–	3
Epilepsy	7	7	3	3	9	6	8	2	4	7	5	4	65
Tetanus	1	2	1	2	2	2	3	1	2	1	2	1	20
Insanity	–	3	3	2	1	4	1	2	1	1	4	3	25
Convulsions	40	42	47	30	46	43	48	35	31	23	44	43	472
Disease of Brain, etc.	41	31	34	28	51	25	30	39	30	46	30	26	411
V. Pericarditis	2	2	1	1	4	1	1	1	1	–	1	–	15
Aneurism	3	4	–	3	5	5	3	4	4	5	4	3	43
Disease of Heart, etc.	128	98	107	111	99	98	81	117	63	115	102	110	1229
VI. Laryngitis	3	3	5	5	4	2	4	4	2	3	8	5	48
Bronchitis	582	531	476	395	366	309	227	194	247	342	394	495	4558
Pleurisy	7	5	8	5	9	8	6	8	4	7	5	9	81
Pneumonia	126	108	111	133	133	103	87	73	58	89	94	133	1248
Asthma	18	24	11	13	15	7	5	1	4	12	20	18	148
Disease of Lungs	24	20	17	23	20	14	11	11	11	15	22	27	215
VII. Teething	51	56	53	51	47	47	47	51	42	43	29	34	551
Quinsey	2	3	3	1	–	–	2	3	–	–	3	3	20
Gastritis	4	6	4	1	8	4	4	6	11	–	3	7	58
Enteritis	32	20	19	32	27	35	39	55	29	31	33	32	384
Peritonitis	11	6	4	9	12	8	10	8	15	15	3	2	103
Ascites	2	1	–	2	2	1	3	2	–	4	2	2	21
Ulceration (of Intest.)	6	4	10	2	9	4	5	4	3	3	4	6	60
Hernia	5	5	5	–	3	10	8	5	4	3	8	2	58
Ileus	9	5	6	6	5	3	7	6	8	11	4	11	81
Intussception	–	1	–	1	–	1	–	–	1	–	1	–	5
Stricture of Intest. Canal	2	2	–	1	–	2	–	2	–	1	1	–	11
Disease of Stomach	24	25	24	18	20	23	31	49	19	32	33	28	326
Disease of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–
Hepatitis	1	3	2	6	3	5	5	1	6	2	3	4	41
Jaundice	3	4	3	7	2	5	6	5	5	6	6	6	58
Disease of Liver	28	20	28	24	17	19	29	28	26	24	18	22	283
Disease of Spleen	–	1	1	–	–	–	–	2	–	3	–	–	7
VIII. Nephritis	4	2	4	1	3	1	4	3	2	5	5	2	36
Nephria	9	6	9	7	9	6	4	7	6	8	15	10	96
Addison's Disease	–	–	1	–	1	–	–	–	1	–	–	–	3
Ischuria	3	–	2	–	2	–	1	1	2	2	–	2	15
Diabetes	3	4	2	3	2	3	2	1	6	4	3	–	33
Stone	1	1	1	–	1	1	1	1	2	4	2	3	18
Cystitis	4	2	1	1	2	–	2	3	1	2	1	3	22
Stricture of Urethra	–	1	1	–	–	–	–	–	1	1	–	1	5
Disease of Kidneys	19	7	7	20	10	19	21	8	11	11	20	22	175
IX. Paramenia	2	–	–	–	–	–	2	–	1	1	2	1	9
Ovarian Dropsy	4	1	11	2	4	1	1	3	–	1	–	5	33
Childbirth	12	15	21	23	11	12	18	14	10	15	14	17	182
Disease of Uterus	4	3	2	4	2	4	6	3	2	–	1	–	31
X. Bone Diseases	1	3	2	1	1	–	3	2	–	–	–	2	15
Rheumatism	4	–	7	7	6	4	8	2	5	9	4	1	57
Disease of Joints, etc.	7	8	5	6	8	5	4	7	3	7	5	5	70
XI. Carbuncle	–	1	–	1	1	1	3	–	–	1	1	–	9
Phlegmon	–	–	–	1	–	–	–	1	–	3	–	–	5
Disease of Skin	1	3	2	2	–	1	1	1	1	2	3	1	18
XVII. Intemperance	13	5	3	5	8	5	5	6	1	3	7	10	71
Privation of Food	–	–	–	2	–	–	–	–	1	–	2	1	6
Want of Breast-milk	6	7	3	3	4	2	6	4	4	7	6	3	55
Neglect	–	–	–	–	–	–	–	–	–	–	–	–	–
Cold	–	–	–	–	2	–	–	–	–	–	–	–	2
Poison	2	1	2	3	1	2	2	5	2	1	1	1	23
Poisoned Wounds	–	–	–	–	–	–	–	–	–	1	–	–	1
Burns and Scalds	10	7	12	6	7	2	3	2	6	15	14	7	91
Hanging, etc.	4	1	–	1	1	3	–	5	2	1	–	2	20
Suffocation	8	7	6	6	3	8	4	5	6	3	8	6	70
Drowning	7	14	13	9	12	11	9	16	7	13	8	12	131
Fractures	42	35	30	27	31	41	37	41	23	36	28	38	409
Gunshot Wounds	–	1	–	–	–	–	–	–	1	–	–	–	2
Cuts and Stabs	2	–	–	–	1	1	1	–	4	3	1	2	15
Other Violent Causes	2	3	3	1	9	2	3	4	7	1	5	4	44
Causes not specified	37	26	30	22	27	32	34	31	16	35	20	24	334

BIRTHS IN THE EIGHT TOWNS—1871.

MALE BIRTHS.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Male Births.
Glasgow,	815	796	846	786	870	872	800	791	712	831	740	773	9632
Edinburgh,	300	238	327	289	327	324	320	289	284	294	250	267	3509
Dundee,	197	177	210	178	244	183	192	171	208	202	201	194	2357
Aberdeen,	138	132	151	139	134	126	132	152	135	155	125	127	1646
Paisley,	73	69	82	75	91	75	88	82	68	93	65	76	937
Greenock,	111	91	117	111	106	100	117	120	112	122	110	112	1329
Leith,	101	73	81	69	85	73	94	79	103	70	60	72	960
Perth,	31	30	35	33	40	38	31	38	27	35	27	29	394
Total, 1871,	1766	1606	1849	1680	1897	1791	1774	1722	1649	1802	1578	1650	20764
Total, 1870,	1753	1509	1881	1845	1934	1861	1659	1731	1680	1678	1604	1593	20728
Total, 1869,	1640	1486	1819	1787	1685	1756	1749	1601	1566	1661	1749	1706	20205
Total, 1868,	1702	1553	1794	1814	1796	1902	1728	1616	1588	1665	1513	1595	20266
Total, 1867,	1667	1494	1689	1866	1832	1691	1699	1578	1544	1698	1662	1619	20039
Total, 1866,	1692	1553	1737	1691	1796	1705	1696	1558	1522	1679	1533	1588	19750
Total, 1865,	1711	1544	1727	1682	1830	1790	1548	1550	1533	1614	1505	1524	19558

FEMALE BIRTHS.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Female Births.
Glasgow,	832	726	868	788	872	772	763	771	681	703	720	728	9224
Edinburgh,	306	230	287	296	317	297	272	252	272	259	278	304	3370
Dundee,	198	160	208	181	196	184	186	197	181	179	158	167	2195
Aberdeen,	132	130	134	113	137	134	110	114	102	131	121	108	1466
Paisley,	68	67	56	95	77	84	80	79	77	77	56	69	885
Greenock,	110	89	105	89	122	111	101	109	104	122	88	72	1222
Leith,	69	65	78	66	81	68	80	82	65	80	80	78	892
Perth,	30	36	28	38	35	33	32	54	41	32	36	29	424
Total, 1871,	1745	1503	1764	1666	1837	1683	1624	1658	1523	1583	1537	1555	19678
Total, 1870,	1703	1436	1765	1746	1774	1730	1643	1624	1589	1577	1580	1586	19753
Total, 1869,	1651	1508	1755	1765	1612	1642	1638	1563	1478	1534	1513	1651	19310
Total, 1868,	1645	1450	1674	1692	1701	1834	1655	1527	1457	1544	1489	1579	19247
Total, 1867,	1636	1499	1554	1714	1707	1583	1704	1468	1466	1667	1488	1487	18973
Total, 1866,	1618	1475	1635	1638	1746	1641	1495	1484	1378	1630	1477	1585	18802
Total, 1865,	1628	1516	1596	1588	1712	1668	1542	1485	1399	1507	1416	1460	18517

BIRTHS—BOTH SEXES.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Births.
Glasgow,	1647	1522	1714	1574	1742	1644	1563	1562	1393	1534	1460	1501	18856
Edinburgh,	606	468	614	585	644	621	592	541	556	553	528	571	6879
Dundee,	395	337	418	359	440	367	378	368	389	381	359	361	4552
Aberdeen,	270	262	285	252	271	260	242	266	237	286	246	235	3112
Paisley,	141	136	138	170	168	159	168	161	145	170	121	145	1822
Greenock,	221	180	222	200	228	211	218	229	216	244	198	184	2551
Leith,	170	138	159	135	166	141	174	161	168	150	140	150	1852
Perth,	61	66	63	71	75	71	63	92	68	67	63	58	818
Total, 1871,	3511	3109	3613	3346	3734	3474	3398	3380	3172	3385	3115	3205	40442
Total, 1870,	3456	2945	3646	3591	3708	3591	3302	3355	3269	3255	3184	3179	40481
Total, 1869,	3291	2994	3574	3552	3297	3398	3387	3164	3044	3195	3262	3357	39515
Total, 1868,	3347	3003	3468	3506	3497	3736	3383	3143	3045	3209	3002	3174	39513
Total, 1867,	3303	2993	3243	3580	3539	3274	3403	3046	3010	3365	3150	3106	39012
Total, 1866,	3310	3028	3372	3329	3542	3346	3191	3042	2900	3309	3010	3173	38552
Total, 1865,	3339	3060	3323	3270	3542	3458	3090	3035	2932	3121	2921	2984	38075

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, ...	153	136	169	143	169	154	149	163	115	152	135	128	1766
Edinburgh, . . .	44	51	63	38	59	41	44	51	42	47	39	66	585
Dundee, ...	49	42	46	32	56	49	48	55	44	53	41	30	545
Aberdeen, . . .	45	38	35	30	33	36	32	25	30	27	34	33	398
Paisley, ...	12	12	12	5	13	14	16	11	8	11	9	7	130
Greenock, . . .	13	10	6	9	10	14	15	13	8	22	17	5	142
Leith, ...	4	10	13	4	11	14	8	6	12	11	2	5	100
Perth, ...	2	5	6	9	7	7	10	19	6	9	5	5	90
Total, 1871, . . .	322	304	350	270	358	329	322	343	265	332	282	279	3756
Total, 1870, . . .	342	278	329	334	364	322	330	356	305	266	292	283	3801
Total, 1869, . . .	354	304	368	346	298	342	327	287	296	278	324	324	3848
Total, 1868, . . .	355	300	360	288	334	353	326	313	306	310	303	286	3834
Total, 1867, . . .	308	316	337	344	317	293	378	307	303	338	304	299	3844
Total, 1866, . . .	369	319	343	324	318	349	353	346	274	336	296	340	3967
Total, 1865, . . .	332	282	311	314	340	359	311	308	268	278	297	294	3694

MARRIAGES IN THE EIGHT TOWNS—1871.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, ...	603	251	229	272	242	623	657	294	292	300	411	443	4617
Edinburgh, . . .	168	111	99	143	88	258	166	157	111	97	165	195	1758
Dundee, ...	180	55	38	68	61	169	74	80	69	69	73	117	1053
Aberdeen, . .	97	40	31	42	58	82	67	50	50	47	48	59	671
Paisley, ...	40	21	32	25	17	62	49	70	27	27	49	76	495
Greenock, . . .	54	36	30	39	26	57	70	37	35	36	64	54	538
Leith, ...	52	28	21	28	23	53	45	19	36	24	50	58	437
Perth, . . .	28	11	17	20	14	28	20	7	13	18	19	28	223
Total, 1871, . . .	1222	553	497	637	529	1332	1148	714	633	618	879	1030	9792
Total, 1870, . . .	1298	544	513	509	493	1347	1094	705	643	716	945	923	9730
Total, 1869, . . .	1134	520	550	567	456	1299	1046	687	587	646	942	727	9161
Total, 1868, . . .	1049	492	527	513	382	1269	943	612	578	575	859	807	8606
Total, 1867, . . .	1049	509	510	573	436	1219	1034	583	638	577	899	840	8867
Total, 1866, . . .	1168	599	501	641	462	1331	992	620	624	654	930	928	9450
Total, 1865, . . .	1197	570	462	473	498	1227	1094	649	603	656	945	946	9320
Total, 1864, . . .	1082	523	468	576	465	1172	983	711	559	615	846	884	8884
Total, 1863, . .	995	492	506	544	407	1190	979	633	518	621	913	795	8593
Total, 1862, . . .	899	431	484	443	369	1070	902	551	535	513	730	767	7694

	MALE DEATHS.												Total Male Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	752	637	734	704	732	703	685	642	529	569	588	630	7905
Edinburgh,	230	191	200	203	259	228	197	219	193	218	249	296	2683
Dundee,	136	121	116	99	119	102	113	121	124	145	174	201	1571
Aberdeen,	94	60	104	63	82	65	63	59	62	45	97	117	911
Paisley,	78	60	54	58	73	60	56	43	47	59	54	49	691
Greenock,	87	103	99	51	90	73	47	63	68	82	78	76	917
Leith,	38	32	36	36	43	50	38	64	42	47	43	79	548
Perth,	26	19	25	17	31	18	19	22	21	21	19	30	268
Total, 1871,	1441	1223	1368	1231	1429	1299	1218	1233	1086	1186	1302	1478	15494
Total, 1870,	1497	1286	1371	1225	1133	1068	1025	1176	962	929	1148	1414	14234
Total, 1869,	1350	1240	1644	1380	1334	1355	1266	1118	1057	1091	1366	1547	15748
Total, 1868,	1192	1084	1215	1212	1155	1098	1224	1225	996	1163	1253	1321	14138
Total, 1867,	1351	1058	1209	1187	1226	1021	1072	909	990	993	1036	1182	13234
Total, 1866,	1261	1103	1301	1244	1248	1041	1095	982	905	1157	1170	1217	13724
Total, 1865,	1399	1388	1305	1110	1174	1068	1238	1084	956	1124	1307	1099	14252

	FEMALE DEATHS.												Total Female Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	782	700	700	716	711	653	622	624	498	587	598	689	7880
Edinburgh,	233	215	213	201	252	243	213	219	183	254	244	287	2757
Dundee,	169	143	160	115	119	121	116	133	136	156	164	227	1759
Aberdeen,	105	85	97	89	97	84	69	69	67	77	96	146	1081
Paisley,	69	66	67	52	64	48	62	63	45	71	66	90	763
Greenock,	83	81	96	56	60	64	65	54	61	72	78	83	853
Leith,	47	44	39	31	38	33	48	41	42	44	46	79	532
Perth,	21	20	23	19	30	22	25	14	36	29	17	26	282
Total, 1871,	1509	1354	1395	1279	1371	1268	1220	1217	1068	1290	1309	1627	15907
Total, 1870,	1584	1343	1388	1176	1100	1043	1000	1192	949	1013	1106	1365	14259
Total, 1869,	1399	1266	1574	1348	1328	1331	1158	1126	1038	1097	1422	1615	15702
Total, 1868,	1231	1086	1194	1036	1093	1134	1134	1179	1069	1135	1221	1381	13893
Total, 1867,	1471	1140	1228	1160	1185	968	1082	946	911	976	1013	1197	13277
Total, 1866,	1267	1075	1323	1222	1270	1064	978	978	882	1140	1257	1268	13724
Total, 1865,	1413	1449	1288	1126	1137	1070	1182	1163	897	1109	1250	1163	14247

	DEATHS—BOTH SEXES.												Total Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	1534	1337	1434	1420	1443	1356	1307	1266	1027	1156	1186	1319	15785
Edinburgh,	463	406	413	404	511	471	410	438	376	472	493	583	5440
Dundee,	305	264	276	214	238	223	229	254	260	301	338	428	3330
Aberdeen,	199	145	201	152	179	149	132	128	129	122	193	263	1992
Paisley,	147	126	121	110	137	108	118	106	92	130	120	139	1454
Greenock,	170	184	195	107	150	137	112	117	129	154	156	159	1770
Leith,	85	76	75	67	81	83	86	105	84	91	89	158	1080
Perth,	47	39	48	36	61	40	44	36	57	50	36	56	550
Total, 1871,	2950	2577	2763	2510	2800	2567	2438	2450	2154	2476	2611	3105	31401
Total, 1870,	3081	2629	2759	2401	2233	2111	2025	2368	1911	1942	2254	2779	28493
Total, 1869,	2749	2506	3218	2728	2662	2686	2424	2244	2095	2188	2788	3162	31450
Total, 1868,	2423	2170	2409	2248	2248	2232	2358	2404	2065	2298	2474	2702	28031
Total, 1867,	2822	2198	2437	2347	2411	1989	2154	1855	1901	1969	2049	2379	26511
Total, 1866,	2528	2178	2624	2466	2518	2105	2073	1960	1787	2297	2427	2485	27448
Total, 1865,	2812	2837	2593	2236	2311	2138	2420	2247	1853	2233	2557	2262	28499

ABSTRACT of the METEOROLOGY of the Eight Principal Towns of Scotland during the several Months of the Year 1871.

Mean Height above the Sea-level, 126 feet. Mean North Latitude, 56°·12′. Mean West Longitude, 3°·30′.

1871.	BAROMETER.		SELF-REGISTERING THERMOMETER. Mean of the Eight Towns.						HYGROMETER.		DEDUCTIONS from Glaisher's Tables, 2nd Edit.				RAIN.		WINDS.									
																	Number of Days it blew in certain Directions.									Pressure on square foot.
	Mean at 32° and Sea-level.	Monthly Range.	Highest in Month.	Lowest in Month.	Mean Temperature.	Monthly Range.	Mean Daily Range.	Greatest Daily Range.	Dry Bulb, or Mean Temp. of Air.	Wet Bulb, or Temp. of Evaporation.	Dew-point Temperature.	Elastic Force of Vapour.	Wt. of Vapour in Cubic Foot of Air.	Humidity. Sat. 100.	Number of Days it fell.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
	inch.	inch.	°	°	°	°	°	°		°	°	inch.	grs.		days.	inch.										
JANUARY, . . .	29·753	1·962	47·1	21·2	34·2	25·8	7·4	14·1	34·0	32·8	30·7	·172	2·01	87	13	2·45	1	1	4	3	2	7	5	3	5	1·55
FEBRUARY, . . .	29·865	1·127	53·1	27·3	41·7	25·8	7·4	14·5	41·2	40·0	38·5	·233	2·50	90	18	4·62	1	1	5	2	1	6	9	2	1	2·87
MARCH, . . .	29·926	1·427	60·0	24·7	43·5	35·4	11·8	26·2	42·2	40·3	37·9	·229	2·64	85	14	2·20	1	2	3	1	2	8	8	4	2	2·01
APRIL, . . .	29·800	1·076	58·8	29·9	42·9	28·9	11·6	22·0	42·1	40·3	38·0	·229	2·64	86	17	4·88	2	3	10	3	2	2	3	3	2	1·58
MAY, . . .	30·082	0·975	72·3	29·5	50·8	42·9	16·3	28·3	50·2	47·0	43·7	·286	3·25	79	10	0·95	2	3	4	3	2	3	7	5	2	1·31
JUNE, ...	29·981	0·910	68·0	40·3	54·0	27·7	14·3	22·8	53·4	50·3	47·3	·314	3·71	80	12	2·24	2	5	8	4	1	2	3	3	2	1·36
JULY, ...	29·696	0·867	71·6	46·2	58·4	25·4	13·2	20·1	57·4	54·6	52·0	·388	4·33	82	22	3·23	1	1	1	2	3	10	7	4	2	1·28
AUGUST, . . .	29·920	1·300	76·4	43·9	59·6	32·5	14·3	21·4	58·8	56·0	53·5	·410	4·57	83	15	2·86	0	1	2	2	2	9	9	4	2	1·47
SEPTEMBER, . .	29·949	1·100	67·6	36·7	53·0	30·9	10·9	19·3	51·8	49·5	47·1	·325	3·66	84	14	2·13	2	6	5	4	2	4	2	3	2	1·52
OCTOBER, . . .	29·868	1·346	59·6	30·8	47·8	28·8	10·3	19·1	47·4	45 7	43·9	·287	3·27	89	20	3·53	1	2	4	3	2	8	6	3	2	1·53
NOVEMBER, . .	30·025	0·962	52·0	26·1	39·3	25·9	8·9	17·6	38·6	37·0	34·9	·203	2·36	87	14	3·26	4	4	4	2	1	3	3	6	3	1·45
DECEMBER, . .	29·943	1·264	54·2	24·8	38·9	29·4	9·6	18·9	38·6	37·1	35·0	·204	2·36	87	16	2·71	3	1	1	0	2	9	7	5	3	2·16
YEAR, .	29·901	1·193	61·7	31·8	47·0	29·9	11·3	20·4	46·3	44·2	41·9	·273	3·11	85	185	35·06	20	30	51	29	22	71	69	45	28	1·66

The absolute highest temperature, viz. 80°·0, was noted at Leith in August; and the absolute lowest, viz. 16°·0, at Perth in December.

Note.—The figures under each month are the mean results from the eight Stations, as published in the Monthly Returns.

APPENDIX.

EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

I. NORTHERN DIVISION.

1. Shetland.

1. (1.) Bressay.—The requirements of the Act hitherto have been well attended to by the parents and guardians of the children born in this district.

3. (1.) Dunrossness.—Several families emigrated to America, and have failed to send the vaccination certificates. No medical practitioner being nearer than 22 miles, they could not get their children vaccinated till they went to Lerwick, and then left before the vaccinator could grant a certificate.

4. (2.) North Yell.—A medical practitioner was sometime ago appointed for Yell, and in consequence the list of defaulters is being rapidly reduced.

6. Mid and South Yell.—Besides the 15 entered in col. 7 as unaccounted for, there are still 15 standing over from previous years, for which no returns have been received.

12. (1.) Walls.—It would render the working of the Act easier if the vaccinator's fees were paid and assessed for as the Registrar's fees are. 2s. 6d. is a large sum to a poor man, especially in poor districts like this, where many may be said to see money only once in the year. The stations for vaccinating should also be multiplied, because carrying a child upwards of 12 miles, first to be vaccinated and then to be inspected, is no easy task, and the same labour must be repeated if the vaccination is unsuccessful.

2. Orkney.

14. Deerness.—The Act works well; but the want of a medical man to visit the parish at stated intervals occasions a great deal of trouble both to the Registrar and the parents of the children.

20. Hoy and Græmsay.—The Act is duly attended to. The medical officer calls once a quarter for the purpose of vaccinating children.

26. Sanday.—The operations of the Act in this island district has been attended with very considerable annoyance and trouble, in consequence of the frequent changes of the medical officers appointed under the Act. No less than four have been appointed in less than two years.

28. Shapinshay.—All have been successfully vaccinated; but owing to the fact that there is no medical practitioner in the parish, there is always considerable difficulty in getting in the certificates at the proper time; indeed, there is more trouble to the Registrar connected with the vaccination certificates, than with all the other duties of registration.

30. Stromness.—All the schedules have been punctually received, even those from a distance, which makes the work less onerous.

3. Caithness.

42. Watten.—Vaccination, with few exceptions, well attended to; very few require the statutory notice.

4. Sutherland.

50. (2.) Strathy.—The parents are quite willing to have their children vaccinated; but the vaccinator resides at so great a distance, that not unfrequently considerable difficulty is experienced in obtaining the certificates within the statutory period.

53. Lairg.—A general desire is shown to comply with the requirements of the Act.

II.—NORTH-WESTERN DIVISION.

5. Ross and Cromarty.

Mainland.

58. (2.) Shieldaig.—Successful vaccination is far behind in this district, owing to scab and sickness among the children.

66. (2.) Southern District of Gairloch.—Parents still complain of the high charges for vaccination, and the long distance they have to travel with their children. The wife of a poor man had lately to walk with her child a distance of 23 miles to meet the vaccinator. The medical men also complain of their share of the business, particularly the small remuneration for the amount of labour that falls to their lot. Ought not some provision be made to exempt parents, who are all but paupers, from paying 2s. 6d. or 3s. for the vaccination of their children?

75. (1.) Lochbroom.—Recent changes and events have caused greater attention to be given to vaccination than formerly. Still there is room for improvement, and probably ever will be, in this large and thinly inhabited parish. Since the Act came into operation, in the year 1864, though the yearly average number of Births is about 70, the Registrar has had to report 225

defaulters (a few being repeated), and to give notices of neglect in 281 cases; realising only 1s. for all his trouble. He believes that matters are not better, but rather worse, in the other district of the parish. The people would greatly prefer the system of vaccination in operation before the passing of the Vaccination Act, viz. by Parochial Boards. The Registrar is of opinion that some such system is more suitable to the Highlands, and to the towns and villages therein, whose population does not by last census exceed 1000 persons, than the present compulsory fee-paying method.

82. Tain.—Vaccination is particularly well attended to. The three cases "unaccounted for" refer to children who have been vaccinated; but the poverty of the parents prevents their paying the vaccination fee, without which the doctor will give no certificate.

83. Tarbat.—The Vaccination Act works very well, but not without considerable trouble to the medical officer and the Registrar. An extra item in the general assessment for vaccination would be no burden, but would confer a benefit on the labouring classes. The Registrar, a teacher, got his pupils vaccinated at his own expense. In so doing, he observed that some of the children had not been vaccinated previously.

85. Urray.—On the 30th of November 1871, a child was reported to have died from "being vaccinated," This has created a panic in the district where it happened, and is causing the people to think the Vaccination Act should be resisted.

6. Inverness.

Insular.

114. (2.) Raasay.—The 13 cases entered in col. 7 as unaccounted for, refer to children who had not been vaccinated, and concerning whom no form of certificate had been received. As the Act directs, these cases had been reported in due time to the Parochial Board. The reasons why so few have been successfully vaccinated, or whose vaccination has been postponed in terms of the Act, are, that there is no vaccinator resident in this island, that Portree is difficult of access, especially with young children, and that the visits of the vaccinator for the parish are few and far between.

III.—NORTH-EASTERN DIVISION.

7. Nairn.

122. Cawdor.—The trouble connected with vaccination to the Registrar is yearly increasing.

8. Elgin.

131. Duffus.—There is now a medical practitioner resident in the parish, and thus the requirements of the Act are admirably attended to. There has not been a single case of postponement; and in general the vaccinations were up to time.

132. (2.) Rothiemurchus. — During this summer (1871), when there appeared a probability of Small-pox visiting the district, a considerable number of people were re-vaccinated, and several were very ill in consequence, which has raised a great prejudice against vaccination in this locality.

137. Forres.—The requirements of the Act have, in general, been promptly complied with, notices to defaulters having been required in only a few cases.

9. Banff.

148. Botriphnie. — The Registrar has only to complain of the remuneration.

149. Boyndie.—Vaccination well attended to, and with rather less trouble than during the preceding year.

153. Fordyce.—All seem anxious to comply with the requirements of the Act. Of the two cases unaccounted for, one refers to the child of a vagrant, and the parents of the other have emigrated to America.

166. St. Fergus.—Vaccination Act continues to work well, there being very few cases of neglect on the part of the parents, and the vaccinator being uniformly attentive to his duties.

10. Aberdeen.

178. Cairney.—When the first attempt at vaccination fails, poor people living at a distance from any medical practitioner are often put to considerable trouble. But in no case has any reluctance to comply with the requirements of the Act been shown.

182. Coull.—The one case unaccounted for refers to a child who has been vaccinated, but whose parents have not got a certificate, from the inability to pay the vaccinator's fee.

186. Culsalmond.—Vaccination Act works pretty well; but parents generally have to be reminded, though they take good care to avoid the penalties.

198. Gartly.—No difficulty in connection with the Vaccination Act, parents being attentive and punctual.

202. Huntly.—Vaccinations more complete than ever before; only one postponement, owing to skin disease, and one unaccounted for, being the child of a vagrant.

204. Inverurie.—The only case where the Registrar has failed to obtain the necessary certificate was in that of a hawker's child. This frequently happens; and as this wandering class are most likely to spread Small-pox (in lodging-houses, etc.), it would be well if some means could be devised for discovering defaulters, and punishing neglect. Parents often allow the six months to expire, and only send in certificates upon receipt of the Registrar's notice to defaulters, thus giving great additional trouble. The fine ought to be exigible on first notice.

211. Kinnellar.—Notices have frequently to be sent to parents on the expiry of the six months, but this is often caused by the carelessness of the medical men. Otherwise the Act works very well.

213. Kintore.—The Registrar is very much underpaid for the work required in carrying out the provisions of the Vaccination Act. One shilling per vaccination registered would hardly be adequate remuneration.

214. Leochel-Cushnie.—Parents complain that the doctors are the sole obstacle to their children being vaccinated in time.

217. Logie-Coldstone.—Vaccination generally well attended to. But among the labouring classes there is a carelessness in sending in the certificates till they receive a defaulter's notice at the expiry of the six months.

230. Oyne.—Vaccination Act continues to work well, parents being quite willing to have their children vaccinated, and seldom requiring the Registrar's notice to be sent.

241. Strichen.—As the vaccinator for the parish goes about his work in a regular and systematic manner, no difficulty whatever is experienced in connection with the operation o the Vaccination Act.

242. Tarland.—The statutory notice requires to be sent to parents very often.

IV. EAST-MIDLAND DIVISION.

12. Forfar.

582. (3.) St Clement (Dundee),—The Act continues to work smoothly. The cases unaccounted for chiefly belong to the hawker class, the majority of whom, when sojourneying in Dundee, reside in this district. Many of the working classes, alarmed at the prevalence and fatality of Small-pox, have, during the last two months, had their children vaccinated within a few weeks of birth. This appears favourable to those who desire to see the period allowed for vaccination curtailed. Re-vaccination of adults is also at present extensively resorted to.

282. (4.) St Andrew (Dundee).—The Act continues to work very well on the whole. Since the outbreak of Small-pox in this district, during the summer of 1871, much more attention than usual has been given by parents and guardians to its requirements. The Registrar is still of opinion that the time within which a child in good health ought to be vaccinated should be very much limited. Instances have occurred, during the present epidemic, of children, whose vaccination had been delayed, being attacked and carried off by Small-pox, who, according to the belief of even the negligent parents themselves, might, in all probability, have escaped the disease altogether, had they been vaccinated, like others around them, when two or three months old. As it is, the majority of respectable parents *do* get their children vaccinated at an early age; and, as a protection to the community, the careless should be compelled to do the same.

13. Perth.

334. Blair-Athole. — Vaccination is remarkably attended to, considering the extent of the parish.

363. Kilspindie.—Vaccination has in every case been attended to within the prescribed time.

364. Kincardine.—All the children born in 1870, with the exception of three, who died within six months of birth, have been successfully vaccinated.

384. Moulin.—The requirements of the Vaccination Act continue to be most successfully carried out in this parish, medical men and parents being both equally attentive.

14. Fife.

406. Auchtermuchty.—The Act works well, with few exceptions, the children all being vaccinated within the six months.

442. Kirkcaldy.—The Act continues to work well. But there is great difficulty in getting in the required certificates within the proper time. This arises more from forgetfulness on the part of the parents, than from any desire not to comply with the requirements of the Act.

15. Kinross.

461. Fossaway and Tullibole.—In every case vaccination has been duly attended to. The case unaccounted for refers to a child who was vaccinated, but whose parents were either unable, or unwilling, to pay the doctor's fee of 1s. 6d.; wherefore they received no certificate of vaccination. They have since removed from this district.

V.—WEST MIDLAND DIVISION.

18. Dumbarton.

498. Kirkintilloch. — The system, as a whole, is working satisfactorily. The "Registrar's notice" still requires to be sent to a considerable number. Every year a few cases are lost sight of from the removal of families from the district. The reducing of the period allowed for vaccination—from six to four months—is almos a necessity in mining districts, with their fluctuating population. And making the shilling for Registrar's notices a compulsory payment would also promote punctuality.

503. Row. — Compulsory vaccination is a decided benefit to the community. Since the Act came into operation, no death from Small-pox has taken place in the parish among the children vaccinated. The fees allowed to Registrars for attending to the duty connected with the Act ought to be increased.

19. Argyll.

Mainland.

514. Inverchaolain.—Parents are willing and anxious to have their children vaccinated within the specified time; but the chief difficulty in this parish is getting the medical officers to fill up the schedules in time.

523. Kilmore and Kilbride.—It is now more difficult to carry out the requirements of the Act than during the first years of its operation. The Registrar had to get 13 children vaccinated at the expense of the Parochial Board during the past year, and he has always to send lists of the children whose vaccination is due to the vaccinator of the district.

535. Tarbert.—The Vaccination Act works well, except in a few cases where the parents are unable to pay the vaccinator's fee.

20. Bute.

552. Cumbraes. — Vaccination has gone on successfully since the commencement of the Act. For the last two years vaccination has been performed in every case within the specified time, which is mainly due to the attention of the medical officer.

VI. SOUTH-WESTERN DIVISION.

21. Renfrew.

561.—Eaglesham.—The Vaccination Return for 1870 is perfect, the operation having been successfully performed in all the cases, but not without much trouble to the Registrar, as the following case will show. The child registered in Entry No. 3 was born on the 19th February 1870. After six months a notice was sent to the father, and within ten days a certificate of postponement was given in, which had to be copied, and the time when this postponement expired noted; a second notice followed—a second certificate of postponement; a third notice—a third certificate; a fourth notice, then Schedule A, dated 20th May 1871, was produced. Thus, after watching fifteen months, writing four notices, and copying four certificates, the Registrar was rewarded with 3d.!!!

564. (1.) Middle District of Greenock.—Upon the whole, vaccination has been particularly well attended to. Parents and guardians have become alive to its good effects, and an anxiety is manifested to comply with the provisions of the statute. All grumbling on their part has ceased. There is only one case of post-

ponement. The Registrar still thinks the period for vaccination should be limited to three months after birth.

567. (2.) Gourock.—The Vaccination Act works well; but parents have often to be reminded to send in the schedules.

574. Port-Glasgow.—The working of the Act continues to improve, the number of first postponements gradually decreasing. The benefit of Quarterly Returns of Defaulters is apparent, as the number "removed from the district previous to vaccination" this year is only 12, against 24 in 1869, and 32 in 1868. The Registrar is still of opinion that the time allowed for vaccination should be lessened to four months.

22. Ayr.

578. Ayr.—The Act is working well, but it might be improved, by shortening the time allowed for vaccination to three or four months instead of six months. The Registrar should get some allowance for hunting up parties who neglect to return certificates at the end of the six months. One shilling is allowed, but it is to be paid by the parties who are in default. Although from sixty to eighty notices are issued yearly, the Registrar has never received one shilling for extra work.

590. (2.) Troon.—Parents and guardians are, in general, very careless in getting their children vaccinated within the prescribed time, and have often to be reminded. Although the statutory notice be sent them, the Registrar has frequently to call personally and remonstrate on the delay. The remuneration allowed the Registrar is quite inadequate. One case of neglected vaccination was reported to the Parochial Board. No proceedings were taken against the parents, but the medical officer vaccinated the child.

592. Fenwick.—As a general rule, vaccination is well attended to, and no fault is found with the Act. But to get the schedules returned within the prescribed time, notices have to be sent in some cases.

593. Galston.—With care and attention the Act works easily and well. Out of 233 Births for the year, 208 children have been successfully vaccinated, 21 died before vaccination, and one is a postponement.

597. Kilmarnock.—Regular attention is required on the part of the Registrar, otherwise delinquents will accumulate. The cases unaccounted for this year are the same as during the preceding, being 11, or 1·2 per cent. of the total Births.

602. Largs.—The Vaccination Act works well. With very few exceptions, the parents and guardians are anxious to have their children vaccinated; and the medical men, as a rule, see to the certificates being handed to the Registrar.

609. Ochiltree.—The operation of the Act still continues successful. There has not been a single case of Small-pox in the parish during 1870, when this disease has been fatally prevalent in other districts. The medical officer, Dr. Morrison, holds the opinion, based on an extensive practice, extending over a period of 32 years, that when the child vaccinated is healthy, and the lymph employed strong and pure, vaccination infallibly prevents Small-pox entailing any deleterious consequence.

23. Lanark.

627. Cambuslang.—In a few instances some inconvenience is experienced in getting the certificate of vaccination, owing to its being withheld by the vaccinator till he is paid his fee.

644. (3.) Bridgeton (Glasgow).—The vaccination returns are, as usual in this district, very satisfactory, as is proved by the fact that there are only 46 unaccounted for out of 2439 entries. These are of children removed from the district, and many of them out of the country. The people seem anxious to have their children vaccinated within the statutory time; and the arrangements of the surgeons, dispensaries, and hospitals of the city give every facility to the public.

644. (4.) Calton (Glasgow).—There has been one prosecution in the course of the year for non-compliance with the requirements of the Act. The parent still refuses to allow the child to be vaccinated. The small number unaccounted for, 58 out of 1541, less than 4 per cent., shows that the Act works well.

649. Lesmahagow.—In numerous instances the vaccination certificates bear dates weeks, and sometimes months, prior to the time of their delivery to the Registrar, and these are generally sent in only after the parties have been served with notices.

652. (3.) Eastern District of Old Monkland.—During the greater part of 1870 the district was in a very unsettled state from strikes among the ironworkers. Many of them removed from the district, and others were so poor, that when the vaccination schedule was due, it was not forthcoming, as the vaccinator's fee could not be paid, thus causing many to be beyond the statutory period, and necessitating application to the Parochial Board.

656. Stonehouse.—Vaccination is well attended to, very few requiring to get notice for being behind time. The medical officer, Dr. Rae, makes a point to have the vaccinations well up.

660. Wiston and Roberton.—There is frequently a difficulty in getting the certificates from the medical practitioner.

VII. SOUTH-EASTERN DIVISION.

25. Edinburgh.

674. Borthwick.—The Registrar experiences no difficulty in the working of the Act.

689. Inveresk.—The Registrar having posted 128 notices in connection with vaccinations relative to the Births of 1870, shows that many are very careless in returning the schedules. If the instructions as to the delivery thereof were shortened, and the period allowed brought more directly under notice, on the top of the schedule, it might tend essentially to prevent so much delay.

694. Mid-Calder.—The people in general are careful to have their children vaccinated. But the establishment of the Shale Oil Works has brought a number of unsettled workmen into the district, who are always changing, and leave no trace of where they go to. The three unaccounted for belong to this class.

695. Newbattle.—It would be well to shorten the period allowed for vaccination, and impose a penalty for retaining the schedule for more than eight days after the vaccination is complete. Frequently the Registrar does not get the schedule for months after its date, often not till a notice has been sent, though vaccination has been performed months before.

701. West Calder.—A number of those unaccounted for are the children of miners who have gone to America.

26. Haddington.

715. Ormiston.—Vaccination has been better attended to than during the previous year, all

the children born having been successfully vaccinated but one, who had died unvaccinated.

27. Berwick.

730. Chirnside.—The Vaccination Act continues to work successfully, there being no defaulters.

732. Coldingham. — Upon the whole, the schedules are sent in very regularly. The one removed from the district before vaccination referred to the illegitimate child of an agricultural labourer, whose residence could not be ascertained.

739. Evemouth.—The Registrar experiences increasing difficulty in obtaining the schedules within the statutory period, which the medical officer thinks should be reduced to three months.

28. Peebles.

762. Innerleithen. — The certificates are coming in more regularly, the present return being the most satisfactory since the passing of the Vaccination Act. There is much need for an increase in the Registrar's remuneration, the present fees being altogether inadequate.

VIII. SOUTHERN DIVISION.

30. Roxburgh.

799. (1.) Melrose.—The postponements are rather annoying, the parents requiring an intimation from the Registrar at the end of each period.

811. Yetholm.—The schedules are generally delivered within the specified time.

31. Dumfries.

828. Halfmorton.—The Vaccination Act is now working exceedingly well, parents and medical men being equally anxious to carry out its provisions.

835. Kirkmahoe.—With reference to col. 7, one of the two cases is of a child whose father has removed from the parish, but whose present abode the Registrar is endeavouring to discover. The other case is that of an illegitimate child, which was successfully vaccinated. This case has been duly reported, and steps are being taken to enforce the requisite certificate.

848. Sanquhar.—Vaccination seems to be well attended to in the district. It is the fact, however, that while, previous to the passing of the Vaccination Act, the operation was most generally performed before the age of three months, it is now frequently postponed to a time when, owing to numerous infantile ailments, it is more difficult to find a suitable opportunity for its performance. Medical practitioners are therefore of opinion, that the period allowed by the Act might be judiciously limited to three months, except, perhaps, in insular districts, where the population is sparse, and communication less easy.

32. Kirkcudbright.

856. Balmaclellan.—One case was seven times postponed, but, ultimately, vaccination was successful; another was six times, and vaccination still unaccomplished.

33. Wigtown.

893. New Luce.—The Vaccination Act is working well; but in some cases, although vaccination is performed in good time, the certificate is not sent in until the Registrar sends the "Notice." In these cases the Registrar should have power to exact the fine of one shilling.

901. Wigtown.—Vaccination is better attended to than in previous years; but a few notices still require to be sent. The one defaulter case is that of a tramp, who gave birth to a child here, and left three days after.

EIGHTEENTH
ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

ON THE

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

SCOTLAND

DURING THE

YEAR 1872;

AND

EIGHTH ANNUAL REPORT

ON

VACCINATION.

Presented to both Houses of Parliament by Command of Her Majesty.

EDINBURGH:
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REPORT.

TO THE

RIGHT HON$^{BLE.}$ H. AUSTIN BRUCE, M.P.,

Her Majesty's Principal Secretary of State for the Home Department.

GENERAL REGISTRY OFFICE OF BIRTHS, ETC.,
EDINBURGH, 16*th May* 1873.

SIR,

I HAVE the honour to submit to you, in order that the same may be laid before Parliament, a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1872, in conformity with the requirements of the Seventh Section of the Scottish Registration Act, 17 and 18 Vict. cap. 80.

The numbers of the estimated annual populations in this Report have all been corrected from the recently published volume of the Census of Scotland; and the proportions in which the Births, Deaths, and Marriages have taken place with reference to these populations have been revised and corrected up to this date.

The importance of dividing the Districts of a country into Groups, calculated to show whether density or rather aggregation of the Population has any influence in increasing the proportion of Births, Deaths, and Marriages, has only been recently recognised; and in former Reports I have endeavoured to point out the extent of that influence when Scotland was divided into Four Groups of Districts. Taking advantage of the experience acquired in former years, I have directed that in this Report Scotland should be divided into Five Groups of Districts, according as they contained Principal Towns, Large Towns, or Small Towns, or consisted of Rural Districts situated on the Mainland or on the Islands which surround Scotland; and it is interesting to observe how closely the proportion of Births, of Deaths, and of Marriages, in each of these Groups, corresponds with the aggregation of the population.

The recent epidemic of Small-pox, perhaps the most severe which has passed over Scotland during the present century, has enabled some interesting deductions to be drawn, both with reference to the influence of season on its mortality, and also with regard to the protective power of Vaccination. To these I would beg to direct special attention.

As in former Reports, I have directed that all that relates to the mean monthly variations of weather, and their influence on the Deaths from different diseases and at different periods of life, should be illustrated by the usual Tables.

It having been represented to me that it would add greatly to the value of this Report were the Births, Deaths, and Marriages which occurred in every Registration District of Scotland stated in detail, I have herewith given, in addition to the usual Tables for each County, the several particulars applicable to every District in Scotland for 1872, appending thereto the number of Vaccinations for the year 1871.

In conformity with the 19th Section of the Scottish Vaccination Act (26 and 27 Vict. cap. 108), I have also the honour to submit to you my Eighth Annual Report on Vaccination. Its statements refer to the children born during 1871, and it is very satisfactory to be able to announce that the Act works satisfactorily, and that of those who survive to the age when Vaccination could be enforced, not more than $2\frac{1}{2}$ per cent. fail to receive the protection against Small-pox which the provisions of the Act are fitted to confer.

I have the honour to be,

SIR,

Your obedient Servant,

W. PITT DUNDAS,

Registrar-General.

REPORT TO THE REGISTRAR-GENERAL,

BY JAMES STARK, M.D., F.R.S.E.

SIR,

THIS Report refers to the Births, Deaths, and Marriages registered during the year 1872 in the 1020 Districts into which Scotland was that year divided for the purposes of registration. It has also reference to the Vaccination of the children whose births were recorded during the year 1871.

118873 Births, 75741 Deaths, and 25580 Marriages were entered on the registers of Scotland during the year 1872; and when these numbers are compared with the corrected estimates of the population, it is seen that the birth and death-rates were exactly the same as the average of the ten previous years, while the marriage-rate was considerably above the decennial mean. As compared with the year 1871, the births show an increase of 2746, the deaths an increase of 1097, and the marriages an increase of 1714.

Since our last Annual Return was published, the first volume of the Census Abstracts of the Population of Scotland for 1871 has appeared; and in this Return the estimates for the population have been revised from it, and the proportions of births, deaths, and marriages to the population have also been corrected from 1861 up to this date.

TABLE I.—Population estimated to the middle of each year, with the number of Births, Deaths, and Marriages registered in Scotland during each of the years 1855 to 1872, and their proportion to the Population; also the excess of Births over Deaths, the number of Illegitimate Births, and their proportion to the total Births.

YEAR.	Population estimated to the Middle of each Year.	BIRTHS.		DEATHS.	MARRIAGES.	Excess of Births over Deaths.	Proportion to every 100 Persons living.			Per cent. of Illeg. to Total Births.
		Total.	Illegit.				Births.	Deaths.	Marriages.	
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	3·134	2·082	0·661	7·8
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3·399	1·953	0·692	8·5
1857	3,012,310	103,415	8,869	61,906	21,369	41,509	3·433	2·055	0·709	8·5
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3·435	2·098	0·649	8·9
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3·502	2·029	0·697	9·1
1860	3,054,738	105,629	9,736	68,170	21,225	37,359	3·458	2·231	0·695	9·2
1861	3,069,404	107,009	9,929	62,341	20,896	44,668	3·486	2·071	0·681	9·2
1862	3,097,009	107,069	10,376	67,195	20,597	39,874	3·456	2·174	0·666	9·7
1863	3,126,879	109,341	10,948	71,481	22,234	37,860	3·497	2·286	0·711	10·0
1864	3,156,021	112,333	11,197	74,416	22,725	37,917	3·560	2·358	0·720	9·9
1865	3,185,437	113,070	11,262	70,891	23,611	42,179	3·558	2·231	0·743	9·9
1866	3,215,129	113,667	11,673	71,348	23,688	42,319	3·536	2·219	0·737	10·2
1867	3,245,098	114,044	11,148	69,068	22,618	44,976	3·515	2·129	0·697	9·7
1868	3,275,350	115,514	11,354	69,416	21,856	46,098	3·528	2·120	0·667	9·8
1869	3,305,885	113,354	11,066	75,875	22,144	37,479	3·459	2·295	0·669	9·7
1870	3,336,707	115,390	11,108	74,165	23,854	41,225	3·458	2·221	0·715	9·6
1871	3,367,922	116,127	11,073	74,644	23,966	41,483	3·449	2·217	0·712	9.5
1872	3,399,226	118,873	10,817	75,741	25,580	43,132	3 497	2·228	0·752	9·1

Now that the attention of the Legislature and of the public is so strongly directed to sanitary and social inquiries, it is of very great importance that the results of the registration of births, deaths, and marriages should be published in such a form as to throw light on these subjects. Taking advantage, therefore, of the experience acquired during the decennial period 1861-1870, when we only divided Scotland first into three groups, and

TABLE II.—Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1862 to 1872 inclusive.

	1862.		1863.		1864.		1865.		1866.		1867.		1868.		1869.		1870.		1871.		Mean per cent. Ter. Years.	1872.	
	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.		No.	Per cent.
FIRST QUARTER.																							
Births,	27089	3·49	26733	3·42	28049	3·55	28594	3·60	28883	3·59	27952	3·44	28697	3·50	28429	3·44	28674	3·44	28902	3·43	3·490	29506	3·47
Deaths,	19420	2·50	19229	2·46	22605	2·86	20804	2·62	19095	2·37	19977	2·46	18042	2·20	20431	2·47	22184	2·66	19756	2·34	2·494	21245	2·50
Marriages,	4763	0·77	5126	0·65	5346	0·67	5416	0·68	5642	0·70	5356	0·67	5287	0·64	5291	0·64	5631	0·67	5415	0·64	0·669	5820	0·68
Mean Temperat.	38°·8		40°·9		35°·7		35°·3		38°·0		36°·5		40°·6		40°·0		36°·9		39°·1		38°·18	40°·7	
SECOND QUARTER.																							
Births,	28728	3·71	29655	3·79	29964	3·79	30318	3·81	29808	3·71	30375	3·74	30983	3·78	29472	3·56	30645	3·67	30583	3·63	3·719	30726	3·61
Deaths,	17385	2·24	17963	2·29	18473	2·34	17074	2·15	18575	2·31	17475	2·15	16958	2·07	19449	2·35	17984	2·15	18715	2·22	2·227	19045	2·24
Marriages,	5185	0·67	5594	0·71	5723	0·72	5707	0·72	6034	0·75	5627	0·69	5661	0·69	5596	0·67	5754	0·69	5946	0·70	0·701	6398	0·75
Mean Temperat.	49°·4		49°·0		49°·9		51°·5		...		49°·0		51°·0		48°·4		51°·0		48°·7		49°·42	49°·2	
THIRD QUARTER.																							
Births,	25783	3·33	26366	3·37	27035	3·42	27306	3·40	27204	3·38	27870	3·43	28354	3·46	27646	3·33	28272	3·39	28689	3·40	3·391	29181	3·43
Deaths,	14235	1·83	16273	2·11	16159	2·05	15924	2·00	15470	1·92	15125	1·86	16659	2·03	16532	2·00	16555	2·03	16835	2·00	1·983	16692	1·96
Marriages,	4570	0·59	4900	0·62	5005	0·63	5343	0·67	5104	0·63	5071	0·62	4704	0·57	4870	0·59	5301	0·63	5424	0·64	0·619	5891	0·69
Mean Temperat.	54°·4		53°·9		54°·5		57°·5		54°·4		55°·2		57°·4		56°·4		57°·1		56°·3		55°·71	55°·8	
FOURTH QUARTER.																							
Births,	25469	3·29	26587	3·40	27185	3·44	26852	3·38	27772	3·45	27847	3·43	27480	3·35	27848	3·37	27832	3·26	27953	3·32	3·369	29460	3·46
Deaths,	16155	2·08	18016	2·30	17179	2·17	17089	2·15	18210	2·26	16491	2·03	17757	2·17	19377	2·34	17344	2·08	19388	2·29	2·187	18759	2·20
Marriages,	6079	0·78	6614	0·84	6651	0·84	7145	0·89	6908	0·85	6564	0·81	6203	0·77	6326	0·76	7102	0·85	7181	0·85	0·824	7471	0·88
Mean Temperat.	42°·0		43°·6		42°·0		43°·4		43°·5		42°·3		41°·5		40°·9		39°·6		41°·3		42°·01	41°·8	
YEAR.																							
Population, —	3097009		3126879		3156021		3185437		3215129		3245098		3275350		3305885		3336707		3367922			3399226	
Births,	107069	3·46	109341	3·49	112333	3·56	113070	3·56	113667	3·53	114044	3·51	115514	3·53	113395	3·41	115423	3·46	116127	3·45	3·496	118873	3·49
Deaths,	67195	2·17	71481	2·28	74416	2·36	70891	2·23	71350	2·22	69068	2·13	69416	2·12	75789	2·29	74067	2·22	74644	2·22	2·224	75741	2·22
Marriages,	20597	0·66	22234	0·71	22725	0·72	23611	0·74	23688	0·73	22618	0·69	21855	0·66	22083	0·66	23788	0·71	23966	0·71	0·699	25580	0·75

afterwards into four, according to the population of the Towns, as ascertained by the Census of 1861, we have in this Report re-divided Scotland into Five New Registration Groups of Districts, according to the sizes of the Towns by the Census of 1871, and according as the truly Rural Districts were on the Mainland or on the Islands. The increase in the population of the Towns, and the starting up of new Towns, rendered this new division of Districts absolutely necessary; for two additional Towns are now included in our new division of Large Towns which were formerly included in the Small Towns, while by including in the Small Towns all those which in 1871 contained above 2000 inhabitants, their number is nearly twice as great as in the Small Town Districts which existed in our Table Returns 1861 and 1871, which only included Towns with above 3000 inhabitants.

All our Reports, therefore, from this date, will give a review of the number and proportion of births, deaths, and marriages in these five new groups of districts; and every decennial period will be taken advantage of to improve on this grouping, so as to subserve more fully the purposes of medical science, vital statistics, and sanitary and social inquiries.

In order, however, to make available all the information which has been acquired during the last decennial period, there will be published in the Detailed Annual Report for 1870 the full particulars relative to the births, deaths, and marriages in each of the four old groups of districts, as they existed from 1861 to 1870. Our decennial periods are necessarily regulated by the year when the census of the population is taken; and as the new grouping had not been thought of when our Report for 1871 was issued, we have in Tables VI. and VII. given the particulars of the new groupings for 1871, while in Tables IV. and V. are given the particulars for 1872. Such a series of tables, continued through the decennial period 1871-1880, will enable us at the end of that period to give trustworthy results, founded on a ten years' series of observations.

BIRTHS.

118873 Births were registered in Scotland during the year 1872, being at the rate of 349 births in every ten thousand persons of the estimated population, or 3·49 per cent. This is the largest number of births which has been recorded in Scotland since the Registration Act came into opera-

TABLE III.—Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1872, and their Proportion to the estimated Population.

DIVISIONS.	POPULATION.		BIRTHS.		DEATHS.		MARRIAGES.	
	Census 1861.	Census 1871.	Number.	Per Cent. to Pop.	Number.	Per Cent to Pop.	Number	Per Cent. to Pop.
Northern . .	130,422	127,191	3268	2·58	1908	1·50	593	0·47
North-Western .	167,242	166,351	4341	2·61	2759	1·66	801	0·48
North-Eastern .	366,870	391,199	12901	3·25	7085	1·79	2458	0·62
East Midland .	523,822	559,676	18216	3·23	11828	2·09	4004	0·71
West Midland .	242,487	251,088	8233	3·26	5595	2·22	1545	0·61
South-Western .	1,008,273	1,183,218	49372	4·10	31327	2·60	11265	0·93
South-Eastern .	408,962	470,206	16030	3·35	11335	2·37	3628	0·76
Southern . .	214,216	209,089	6512	3·12	3904	1·87	1286	0·62

tion, yet is due alone to the increase of the population, seeing that the proportion of births to the population of 1872 is exactly the same as the mean annual rate of the ten previous years.

The proportion of births to the population was very different in the five groups of districts into which we now divide Scotland. (Tables IV. and V.) It may be explained that the Principal Town Districts include the Eight Principal Towns of Scotland, the smallest of which has above 25000 inhabitants. The Large Town Districts contain Towns with from 10000 to 25000 inhabitants by the Census of 1871. The Small Town Districts contain Towns with from 2000 to 10000 inhabitants when the Census of 1871 was taken; and the Mainland-Rural and Insular-Rural Districts contain the remainder of the inhabitants of Scotland, classed according as the Districts are on the Mainland or on the Islands.

Of the 118873 births registered in Scotland in 1872, 41657 were registered in the Principal Towns, 13340 in the Large Towns, 27905 in the

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TABLE IV.—Births, Illegitimate Births, Deaths, and Marriages, in the Five New Registration Groups of Town, Rural, and Insular Districts in Scotland in 1872, distinguishing the Sexes.

FIVE NEW GROUPS OF DISTRICTS.	POPULATION estimated to the Middle of 1872.			BIRTHS.			ILLEGITIMATE BIRTHS	DEATHS.			MARRIAGES.
	Males.	Females.	Both Sexes.	Males.	Fem.	Both Sexes.		Males.	Fem.	Both Sexes.	
Principal Towns . .	515,230	578,831	1,094,061	21,402	20,255	41,657	3,729	15,209	14,977	30,186	10,445
Large Towns . .	164,422	178,189	342,611	6,952	6,388	13,340	991	4,361	4,232	8,593	2,965
Small Towns . . .	374,786	408,813	783,599	14,545	13,360	27,905	2,404	8,532	8,318	16,850	5,501
Mainland-Rural . .	508,192	539,344	1,047,536	16,676	15,726	32,402	3,516	8,845	9,199	18,044	6,031
Insular-Rural .	60,780	70,638	131,418	1,847	1,722	3,569	177	998	1,070	2,068	638
SCOTLAND . .	1,623,411	1,775,815	3,399,226	61,422	57,451	118,873	10,817	37,945	37,796	75,741	25,580

N.B.—The Principal Town Districts contain towns with above 25,000 inhabitants; the Large Town Districts contain towns with from 10,000 to 25,000 inhabitants, and the suburbs of Glasgow; the Small Town Districts contain towns with from 2,000 to 10,000 inhabitants; and the Mainland-Rural and Insular-Rural contain the remainder of the inhabitants of Scotland.

TABLE V.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes; Percentage of Illegitimate to the Total Births, and Proportion of Boys to every 100 Girls at Birth, in the Five New Registration Groups of Districts in 1872.

FIVE NEW GROUPS OF DISTRICTS.	Percentage to Population in 1872.							Percentage of Illegitimate to Total Births.	Proportion of Boys to every 100 Girls at Birth.
	BIRTHS.			DEATHS.			MARRIAGES.		
	Males.	Females	Both Sexes.	Males.	Females	Both Sexes.			
Principal Towns . .	4·15	3·50	3·81	2·95	2·58	2·76	0·95	9·0	105·7
Large Towns . . .	4·23	3·58	3·90	2·65	2·37	2·51	0·87	7·4	108 8
Small Towns . . .	3·88	3·27	3·56	2·28	2·03	2·15	0·70	8·6	108·9
Mainland-Rural . .	3·28	2·91	3·10	1·74	1·70	1·72	0·58	10·8	106·0
Insular-Rural . . .	2·97	2·43	2·71	1·64	1·52	1·57	0·48	4·9	107 3
SCOTLAND . . .	3·78	3·23	3·49	2·33	2·13	2·22	0·75	9·1	106·9

Small Towns, 32402 in the Mainland-Rural, and 1722 in the Insular-Rural Districts. This indicates that for every ten thousand persons in each of these groups of districts, 381 births occurred in the Principal Towns, 390 in the Large Towns, 356 in the Small Towns, 310 in the Mainland-Rural, but only 271 births in the Insular-Rural Districts. The proportions, therefore, very closely corresponded with the density of the population in each of the groups.

Even the figures of Table III. illustrate the general connection between the birth-rate and the more or less dense aggregation of the population. Thus, in the Northern Division of Scotland, where the population is very sparse, scarcely amounting to 36 persons to a square mile, the births numbered 258 to every ten thousand persons. In the Southern Division, with 64 persons to a square mile, there occurred 312 births to every ten thousand persons. In the North-Eastern Division, with 104 persons to a square mile, there occurred 325 births to every ten thousand persons. In the South-Eastern Division, with 253 persons to a square mile, there occurred 335 births to every ten thousand persons; while in the populous South-Western Division, with 516 persons to every square mile, there occurred 410 births to every ten thousand persons.

Of the 118873 births, 107356 were legitimate, and 10817 illegitimate, indicating that 9·1 per cent. of the births were illegitimate. As usual, the proportion of illegitimate births was lowest in the Insular Group of Districts, next lowest in the Town Districts, and highest in the Mainland-Rural Districts. Thus, only 4·9 per cent. of the births were illegitimate in the Insular-Rural Districts, 7·4 per cent. in the Large Towns, 8·6 per cent. in the Small Towns, 9 per cent in the Principal Towns, but 10·8 per cent. in the Mainland-Rural Districts. It will be seen from Table VIII. that the proportion of illegitimate births in the several Divisions and Counties of Scotland bears a close correspondence with those of former years, being, for the Divisions, lowest in the Northern and North-Western Divisions, and highest in the North-Eastern and Southern Divisions, where respectively 14·6 and 14·2 per cent. of the births were illegitimate. Eight Counties had above 12 per cent. of illegitimate births, viz. Kincardine, 13 per cent.; Kinross, 13·7; Aberdeen, 14·4; Kirkcudbright, 14·7; Wigtown, 15·4; Elgin and Dumfries, each 15·9; and Banff, 16·4 per cent.

Of the 118873 children born during the year, 61422 were boys, and 57451 girls; thus showing that the proportion of sexes at birth was 106·9 (very nearly 107) boys for every 100 girls. This is an exceedingly high proportion of male births, greatly exceeding the mean proportion of male births in England and the Continent of Europe, and also exceeding the mean proportion for Scotland itself. During the ten years 1861–1870, the proportion of the sexes at birth, in Scotland, was 105·3 boys for every 100 girls. In England, during the same period, the proportion was only 104·3 boys for every 100 girls. It would be interesting to inquire into the probable causes of the higher ratio of male births in Scotland, and in particular during the last two years, when the proportion has risen to 107 boys for every 100 girls.

One of the distinguishing peculiarities of the human race, and which separates it by an infinite distance from the lower animals, is that the births occur in not very unequal proportions during every month of the year. The slight inequality which does occur in the proportion of births during the several months of the year has been attributed to the joint effect of two causes,—season, and period of year when the conception took place. Both

most likely contribute; but the very circumstance that the proportion of births in Scotland in 1872 was higher in January, the coldest month of the year, than in June, the warmest, shows of itself that season has not that powerful effect on the births of man which it has on those of the lower animals. (See Table XV.) As it was, the greatest daily number of births occurred in Scotland during the months of April, May, July, and January, when they respectively numbered 353, 337, 337, and 331 births daily; while the lowest number occurred during the months of September and August, when they respectively numbered 302 and 312 births daily.

DEATHS.

75741 Deaths were registered in Scotland during the year 1872, being in the proportion of 222 deaths in every ten thousand persons of the estimated population, or 2·22 per cent. This is the exact mean proportion or death-rate which has prevailed in Scotland during the ten previous years.

It appears by the Reports of the Registrar-General of England, that in England, during the year 1872, the death-rate has been in the low proportion of 213 deaths in every ten thousand persons of the estimated population, or 2·13 per cent.,—the average of the ten previous years being at

TABLE VI.—Births, Illegitimate Births, Deaths, and Marriages in the Five New Registration Groups of Town, Rural, and Insular Districts in Scotland in 1871, distinguishing the Sexes.

FIVE NEW GROUPS OF DISTRICTS.	POPULATION ESTIMATED TO MIDDLE OF 1871.			BIRTHS.			ILLEGITIMATE BIRTHS.	DEATHS.			MARRIAGES.
	Males.	Females	Both Sexes.	Males	Fem.	Both Sexes		Males.	Fem.	Both Sexes	
Principal Towns . .	504,635	568,973	1,073,608	20,761	19,683	40,444	3,756	15,480	15,905	31,38[illegible]	9,815
Large Towns . . .	161,016	174,895	335,911	6,504	6,104	12,608	983	4,002	4,066	8,068	2,643
Small Towns . . .	371,969	405,752	777,721	14,373	13,144	27,517	2,525	7,925	8,258	16,18[illegible]	5,066
Mainland-Rural . .	508,668	540,129	1,048,797	16,724	15,386	32,110	3,622	8,542	8,630	17,172	5,848
Insular-Rural . . .	60,988	70,897	131,885	1,710	1,738	3,448	187	904	932	1,863	594
SCOTLAND . .	1,607,276	1,760,646	3,367,922	60,072	56,055	116127	11,073	36,853	37,791	74,644	23,966

TABLE VII.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes, and Percentage of Illegitimate to the Total Births in the Five New Registration Groups of Districts in Scotland in 1871.

FIVE NEW GROUPS OF DISTRICTS.	Percentage to Population in 1871.							Percentage of Illegitimate to Total Births.
	BIRTHS.			DEATHS.			MARRIAGES.	
	Males.	Females.	Both Sexes	Males.	Females.	Both Sexes		
Principal Towns	4·11	3·46	3·76	3·06	2·79	2·92	0·91	9·2
Large Towns	4·04	3·49	3·75	2·48	2·32	2·40	0·78	7·8
Small Towns	3·86	3·24	3·53	2·13	2·03	2·08	0·65	9·1
Mainland-Rural	3·28	2·85	3·06	1·67	1·59	1·63	0·55	11·3
Insular-Rural	2·80	2·15	2·61	1·48	1·31	1·39	0·45	5·4
SCOTLAND	3·73	3·18	3·44	2·31	2·14	2·21	0·71	9·5

the rate of 227 deaths in every ten thousand persons, or 2·27 per cent. While the mortality in England has, therefore, been below its mean, that of Scotland has been exactly its average.

The several Town and Rural Districts of Scotland showed the usual striking differences in their mortality during the year just closed. Thus, for every ten thousand persons in each of the Five New Groups of Districts into which Scotland is divided, there occurred 276 deaths in the Principal Towns, 251 deaths in the Large Towns, 215 deaths in the Small Towns, 172 deaths in the Mainland-Rural Districts, but only 157 deaths in the Insular-Rural Districts. These facts might be otherwise expressed by saying, that there occurred one death out of every 36 persons in the Principal Towns, one death in every 40 persons in the Large Towns, one death in every 46 persons in the Small Towns, one death in every 58 persons in the Mainland-Rural Districts, but only one death in every 64 persons in the Insular-Rural Districts.

MARRIAGES.

During 1872, 25580 Marriages were registered in Scotland, being 1714 more marriages than were registered during the previous year. This shows a proportion of 75 marriages in every ten thousand persons of the estimated population, and is the highest proportion of marriages which has ever yet been registered in Scotland. The ten previous years showed a mean annual marriage-rate of 70 marriages in every ten thousand persons, so that the marriage-rate of 1872 has been high above the average.

The proportion of marriages in the Five Groups of Districts into which Scotland is divided showed a striking correspondence with the proportion of births and of deaths in each of these groups, thus, presumably, showing that some general law connected with the aggregation or density of the population affects all alike,—all these events being most numerous where the greatest number of human beings are massed together, and least numerous where the population is most scattered. Thus, for every ten thousand persons in each of these Five Groups of Districts, there occurred 95 marriages in the Principal Towns, 87 marriages in the Large Towns, 70 marriages in the Small Towns, 58 marriages in the Mainland-Rural Districts, and 48 marriages in the Insular-Rural Districts.

TABLE VIII.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, in 1872.

DIVISIONS.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.
SCOTLAND.	9·1	Shetland	4·1	Forfar	10·8	Lanark	8·0
		Orkney	4·3	Perth	9·9	Linlithgow	9·1
NORTHERN DIVISION	5·8	Caithness	8·6	Fife	7·5	Edinburgh	8·0
NORTH-WESTERN Do.	5·8	Sutherland	4·9	Kinross	13·7	Haddington	9·1
NORTH-EASTERN Do.	14·6	Ross & Cromarty	4·6	Clackmannan	9·2	Berwick	9·9
EAST-MIDLAND Do.	9·6	Inverness	6·9	Stirling	7·4	Peebles	8·3
WEST-MIDLAND Do.	7·2	Nairn.....	9·5	Dumbarton	6 1	Selkirk	8·6
SOUTH-WESTERN Do.	7·8	Elgin	15·9	Argyll.....	8 0	Roxburgh	11·0
SOUTH-EASTERN Do.	8·3	Banff.....	16·4	Bute	8 0	Dumfries	15·9
SOUTHERN Do.	14·2	Aberdeen	14·4	Renfrew	6·5	Kirkcudbright	14·7
		Kincardine.....	13·0	Ayr	8·5	Wigtown.....	15·4

EIGHT PRINCIPAL TOWNS OF SCOTLAND.

That the authorities and the public may be early informed of the birth, death, and marriage-rates which prevail among those great masses of the population collected in the Eight Principal Towns of Scotland, Weekly and Monthly Reports are regularly issued from this office. The former give merely the number of births, deaths, and marriages which were registered in Glasgow, Edinburgh, Dundee, Aberdeen, Greenock, Paisley, Leith, and Perth; while the latter Reports give, in addition, the particulars as to the ages of the persons who have died, and the names of the diseases which proved fatal. Both Returns embrace Meteorological Returns made in each Town for the period to which the Return applies, so that the influence of weather on the health of the people may be traced. As the population of these Towns amounts very nearly to a third of that of Scotland, and as the occupations of the people in each are very various, it is believed that these Returns afford a tolerably fair view of the condition of the population over the whole of Scotland, seeing that it is hardly possible that an outbreak of disease can, for any length of time, affect a considerable portion of the population without announcing its existence in one or other of these Eight Towns.

BIRTHS IN THE EIGHT TOWNS.

41657 Births were registered in the Eight Principal Towns during the year 1872, being at the rate of 381 births in every ten thousand persons of the estimated population, or 3·81 per cent. A reference to Table IX. will show that the birth-rate in the Principal Towns during the years 1871 and 1872 has fallen short of that of the eight previous years—the birth-rate in these Towns having attained its highest proportion in 1865, and its next highest in 1867, when 397 and 396 births respectively occurred for every ten thousand persons.

TABLE IX.—Births, Deaths, and Marriages, and their Proportion to the Population, in the Eight Principal Towns of Scotland, during each of the Years 1855–1872.

YEARS.	Population estimated to the middle of each year.	BIRTHS.		DEATHS.		MARRIAGES.	
		Number.	Per cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population.
1855	827,558	28,113	3·39	22,786	2·74	6,937	0·84
1856	837,540	31,719	3·78	22,254	2·65	7,507	0·89
1857	847,522	32,764	3·85	23,363	2·75	7,476	0·88
1858	857,504	32,563	3·79	23,445	2·73	6,865	0·80
1859	867,486	33,027	3·80	22,352	2·56	7,554	0·87
1860	877,468	32,958	3·75	26,066	2·97	7,688	0·87
1861	889,133	34,351	3·86	23,149	2·60	7,753	0·87
1862	906,042	34,436	3·81	24,960	2·76	7,724	0·87
1863	923,276	35,888	3·88	27,045	2·93	8,544	0·85
1864	940,840	37,058	3·94	28,845	3·07	8,897	0·92
1865	958,731	38,109	3·97	28,515	2·90	9,347	0·94
1866	976,986	38,541	3·94	27,466	2·81	9,458	0·96
1867	995,583	39,012	3·96	26,519	2·66	8,870	0·90
1868	1,014,536	39,492	3·89	28,037	2·76	8,589	0·86
1869	1,033,853	39,517	3·82	31,477	3·04	9,156	0·88
1870	1,053,542	40,452	3·83	28,508	2·70	9,733	0·92
1871	1,073,608	40,444	3·76	31,385	2·92	9,815	0·91
1872	1,094,061	41,657	3·81	30,186	2·76	10,445	0·95

The numbers for 1871 and 1872 are made up from the Quarterly Returns; the remainder from the Detailed Annual Reports, where the figures are corrected.

In the several Towns the birth-rate varied considerably, having been highest in Greenock and lowest in Perth. (Table X.) Thus, for every ten thousand persons in each Town, there occurred 296 births in Perth, 325 in Edinburgh, 342 in Aberdeen, 372 in Dundee, 374 in Paisley, 379 in Leith, 412 in Glasgow, and the very high proportion of 439 in Greenock.

Of the 41657 Births, 37928 were legitimate, and 3729 illegitimate, indicating that 9 per cent. of the births were illegitimate. As usual, the proportion of illegitimate births varied greatly in the different Towns. Thus, in Greenock, only 5·7 per cent. of the births were illegitimate; in Leith, 6.1 per cent.; in Paisley, 7·7 per cent.; in Perth, 7·9 per cent.; in Edinburgh, 8·3 per cent.; in Glasgow, 9·1 per cent.; in Dundee, 11·0 per cent.; and in Aberdeen, 11·4 per cent.

Of the children born during the year, 21402 were boys, and 20255 girls, indicating that 105·7 boys were born for every 100 girls, being very nearly the same proportions as during the previous year, though far below the proportions of male births in the Large and the Small Town Districts. (See Table V.)

DEATHS IN THE EIGHT TOWNS.

30186 Deaths were registered in the Eight Towns during the year 1872, being in the proportion of 276 deaths in every ten thousand persons of the estimated population, or 2·76 per cent. The mean annual death-rate of the ten previous years was 286 deaths in every ten thousand persons, so that the mortality of the past year in the Eight Principal Towns has been somewhat below the average. During these years, the highest mortality in the Eight Towns occurred in the years 1864 and 1869, when the death-rate was respectively 307 and 304 deaths in every ten thousand persons, or 3·07 and 3·04 per cent. (Table IX.)

As usual, the mortality was far from uniform in each of the Eight Towns, having, strange to say, been most heavy in Paisley, a town whose

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TABLE X.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1872, in each of the Eight Principal Towns of Scotland; also the Illegitimate Births, and their Proportion to the Total Births.

Towns.	Population estimated to the middle of 1872.	BIRTHS.		ILLEGIT. BIRTHS		DEATHS.		MARRIAGES.	
		Number.	Per Cent. to Pop.	Number.	Per Cent. to Total Births.	Number.	Per Cent. to Pop.	Number.	Per Cent. to Pop.
Glasgow	489,421	20144	4·12	1837	9·1	14047	2·87	5121	1·04
Edinburgh	205,009	6652	3·25	557	8·3	5477	2·67	1766	0·86
Dundee	124,817	4643	3·72	513	11·0	3487	2·79	1139	0·91
Aberdeen	90,057	3084	3·42	351	11·4	2119	2·35	733	0·81
Greenock	62,097	2725	4·39	156	5·7	1697	2·73	535	0·86
Paisley	48,355	1813	3·74	140	7·7	1428	2·95	449	0·93
Leith	47,888	1815	3·79	112	6·1	1336	2·79	440	0·92
Perth	26,417	783	2·96	62	7·9	587	2·22	196	0·74

These Tables referring to the Eight Towns are made up from the Monthly Returns, and we have not the means of correcting the slight discrepancies between them and the Quarterly figures, as the Registration Books are not received at this office for many months after the Returns.

population has been almost stationary for the last 20 years, and lowest in Perth, also a Town with a nearly stationary population. (Tables X. and XI.) Thus, for every ten thousand persons in each of the Eight Towns, there died 222 in Perth, 235 in Aberdeen, 267 in Edinburgh, 273 in Greenock, 279 in Dundee and in Leith, 287 in Glasgow, and 295 in Paisley.

It is interesting and instructive to review the proportion of deaths in the several Towns for each of the last ten years, as exhibited in Table XI., where the great annual fluctuations in the mortality of each Town are shown. Take the mean of the ten years, and it will be seen how greatly the mean death-rate varied from that which occurred during the past year. Thus, the mean of the ten previous years shows that Leith was the healthiest Town, with the least mortality; while in 1872 only Glasgow and Paisley exceeded it in their death-rates. Greenock, on the other hand, during these ten years, was the most unhealthy town, with the highest death-rate, yet in 1872 no fewer than four of the towns, viz. Glasgow, Paisley, Leith, and Dundee, had higher death-rates. Thus, during these ten years, for every ten thousand persons in each Town, 237 deaths occurred annually in Leith, 240 deaths in Aberdeen, 245 in Perth, 259 in Edinburgh, 282 in Paisley, 283 in Dundee, 309 in Glasgow, and 310 in Greenock.

If these Eight Towns were placed in the order of the least proportion of deaths under five years of age, as compared with the total deaths at all ages, Perth would stand at the head of the list as the most healthy, and Greenock at the bottom of the list as the most unhealthy. Thus, in Perth, 23·8 per cent. of the persons who died during 1872 were under five years of age; in Edinburgh, 32·2 per cent. were under five years of age; in Aberdeen, 34·5 per cent.; in Paisley, 38·9 per cent.; in Leith, 39·2 per cent.; in Glasgow, 44·2 per cent.; in Dundee, 44·9 per cent.; and in Greenock, 46·7 per cent. (Table XII.)

In order that we may become acquainted with the peculiar features of each disease, and be able to trace it through all its stages,—from its origin and first outbreak, onwards through its period of increase, the attainment of its greatest prevalence and mortality, and its subsequent decline,—it is always desirable, when it can be done, to show the monthly progress of the disease through the deaths which it causes. This is one of the advantages of Monthly Returns; and consequently both in last Report and in this, Tables are given in the Appendix which show the deaths from each disease which occurred in the Eight Towns during the several months of the year. The information contained in this Table will be alluded to more particularly afterwards, when we allude more especially to the influence of season on the increase and subsidence of epidemic and sporadic diseases.

TABLE XI.—Percentage of Deaths to the Population in each of the Eight Principal Towns of Scotland, during each of the Years 1862-1872.

Towns.	Percentage of Deaths to the Population.											
	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	Mean of Ten Years.	1872
Glasgow	2·85	3·22	3·25	3·25	2·93	2·82	3·04	3·37	2·96	3·29	3·09	2·87
Edinburgh . . .	2·73	2·59	2·60	2·65	2·58	2·52	2·48	2·77	2·37	2·69	2·59	2·67
Dundee	2·74	2·78	3·09	2·91	2·95	2·71	2·60	3·09	2·69	2·74	2·83	2·79
Aberdeen . . .	2·54	2·27	2·73	2·48	2·86	2·20	2·41	2·09	2 21	2·25	2·40	2·35
Greenock . . .	3·00	3·99	3·97	3·34	2·88	2·69	3·02	3·09	2·86	3·01	3·10	2·73
Paisley	2·63	2·55	3·19	2·95	2·81	2·78	2·54	3·01	2·80	2·94	2·82	2·95
Leith	2·34	2·39	2·37	2·36	2·24	2·51	2·24	2·63	2·32	2·31	2·37	2·79
Perth	2·36	2·49	2·94	2·77	2·33	2·16	2·38	2·62	2·43	2·08	2·45	2·22

The Zymotic (epidemic and contagious) class of diseases caused 7449 deaths in the Eight Principal Towns during the year, being at the rate of 86·6 deaths in every ten thousand persons, or 24·90 per cent. of the total deaths, allowing for the causes of death which were not specified. During the ten years 1855–1864, the deaths from the zymotic class of diseases constituted 24·26 per cent. of the total deaths, so that, if that ten-yearly period be assumed as exhibiting the normal mortality of that class of diseases in Scotland, the proportion in 1871 has been somewhat above the mean.

The relative mortality from the zymotic class of diseases varied not only much more than usual in the Eight Towns, but differed enormously—Perth showing the lowest and Leith the highest mortality from that class of diseases. Thus, for every ten thousand persons in each of these Towns, there died from zymotic diseases 37·0 in Perth, 58·4 in Greenock, 60·8 in Aberdeen, 61·6 in Glasgow, 77·1 in Paisley, 77·9 in Dundee, 84·4 in Edinburgh, and the enormously high proportion of 102·6 deaths in Leith. (Table XIII.) It often gives a better idea of the relative deaths in each town by comparing the deaths from each disease or class of diseases with the total deaths. (Table XIV.) It is then seen that 16·66 per cent. of the deaths were caused by the zymotic class of diseases in Perth, 20·76 per cent. in Paisley, 21·34 per cent. in Greenock, 21·43 per cent. in Glasgow, 25·80 per cent. in Aberdeen, 27·89 per cent. in Dundee, 31·61 per cent. in Edinburgh, but the enormous proportion of 36·78 per cent. of the deaths in Leith were caused by zymotic diseases.

It is interesting to note that, although the general mortality in each of these Eight Towns differed less than usual, the widest difference prevailed as to the epidemic which took the lead and proved most fatal in each.

In Glasgow, by far the most fatal of the epidemics was Hooping-cough, which caused 7·55 per cent. of the deaths. Then came Fever, in its four forms,—Typhus, Enteric (including Infantile), Relapsing, and Simple Continued Fever,—which constituted 3·22 per cent. of the deaths. Scarlatina followed, constituting 2·58 per cent., and Diarrhœa 2·39 per cent. of the deaths. The mortality of the other epidemic diseases was low, even Small-pox, in this epidemic season, only constituting little more than one per cent. of the deaths.

In Edinburgh, on the other hand, Small-pox was the leading and most fatal of the epidemics, causing 702 deaths, and thus constituting 12·85 per cent. of the mortality. During the prevalence of Small-pox, Measles

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TABLE XII.—Deaths of Children under 5 Years of age in each of the Eight Principal Towns of Scotland during the Year 1872.

TOWNS.	Number of Living Children under 5 years in 1872.	Deaths under 5 years of age.	Percentage of Deaths under 5 years.	Percentage of Deaths under 5 years to Total Deaths.
Glasgow	66,796	6223	9·32	44·2
Edinburgh	25,290	1761	6·96	32·2
Dundee	16,992	1567	9·22	44·9
Aberdeen	12,432	731	5·88	34·5
Greenock	9,245	792	8·36	46·7
Paisley	6,416	555	8·65	38·9
Leith	7,094	525	7·38	39·2
Perth	3,168	140	4·42	23·8

almost entirely disappeared. Scarlatina was also very fatal, the deaths therefrom constituting 6·46 per cent. of the mortality. Then followed Hooping-cough, constituting 3·42 per cent. of the deaths, and Fever 3·38 per cent.

In Dundee, Small-pox was the leading epidemic, the deaths therefrom constituting 8·61 per cent. of the general mortality. As in Edinburgh, so in Dundee, Measles was almost in complete abeyance during the prevalence of Small-pox; but when the latter disease declined, in April, Measles increased, assumed shortly the epidemic form, and by the end of the year proved the second most fatal of the epidemics, constituting 3·86 per cent. of the deaths. The deaths from Diarrhœa constituted 3·17 per cent., and those from Diphtheria 3·05 per cent. of the mortality, while Fever only constituted 2·39 per cent. of the deaths.

It has been long known that Scarlatina and Diphtheria are closely allied to each other, if they are not only different but distinct forms of the same disease. It is worthy of notice, therefore, that in Dundee, during the past year, Diphtheria took the place, with the attendant death-rate, usually occupied by Scarlatina; the mortality from Diphtheria constituting 3·05 per cent. of the deaths, while the mortality from Scarlatina was so insignificant that it only constituted 0·23 per cent. of the deaths.

In Aberdeen, also, the leading epidemic was Small-pox, the deaths therefrom constituting 6·27 per cent. of the mortality. Curiously enough, Measles only prevailed in that Town during the continuance of Small-pox, and died out with it as the year advanced. Scarlatina was the second most

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TABLE XIII.—Percentage of Deaths from different Diseases to the Population in each of the Eight Principal Towns of Scotland during the Year 1872, allowing for the causes not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Paisley.	Leith.	Perth.
TOTAL DEATHS .	2·759	2·870	2·671	2·793	2·353	2·733	2·953	2·789	2·222
I. Zymotic Diseases .	0·866	0·616	0·844	0·779	0·603	0·584	0·771	1·026	0·370
III. Tubercular Diseases	0·474	0·563	0·355	0·441	0·367	0·481	0·548	0·341	0·370
IV. Brain Diseases . .	0·238	0·234	0·261	0·211	0·223	0·238	0·285	0·224	0·210
V. Heart, etc., Diseases	0·128	0·103	0·173	0·143	0·138	0·143	0·096	0·121	0·168
VI. Respiratory Organs .	0·506	0·606	0·370	0·531	0·363	0·427	0·444	0·364	0·305
VII. Digestive Organs .	0·184	0·210	0·148	0·130	0·143	0·183	0·231	0·136	0·164
XII. Debility, Premat. Birth	0·130	0·134	0·102	0·147	0·098	0·161	0·144	0·140	0·126
XV. Old Age . . .	0·111	0·088	0·103	0·118	0·117	0·135	0·237	0·134	0·244
XVII. Violent Deaths .	0·099	0·113	0·084	0·079	0·066	0·160	0·078	0·104	0·099
Small-pox . . .	0·141	0·030	0·351	0·240	0·148	0·015	0·019	0·465	0·061
Measles . . .	0·033	0·022	0·002	0·108	0·062	0·009	0·062	0·029	0·000
SCARLATINA . .	0·086	0·074	0·172	0·007	0·074	0·070	0·027	0·178	0·022
Diphtheria . .	0·038	0·030	0·027	0·085	0·064	0·035	0·027	0·015	0·022
HOOPING-COUGH .	0·146	0·216	0·092	0·069	0·039	0·183	0·196	0·058	0·003
Croup . . .	0·042	0·037	0·015	0·070	0·049	0·075	0·056	0·069	0·030
DIARRHŒA . .	0·065	0·069	0·051	0·088	0·056	0·052	0·060	0·042	0·084
Dysentery . .	0·004	0·003	0·003	0·007	0·005	0·011	0·004	0·004	0·011
Cholera . . .	0·003	0·003	0·002	0·002	0·002	0·009	0·000	0·002	0·003
All FEVERS . .	0·088	0·093	0·090	0·066	0·066	0·070	0·125	0·102	0·095
Viz. Typhus . .	0·039	0·037	0·053	0·017	0·022	0·033	0·078	0·044	0·066
Enteric . .	0·037	0·044	0·029	0·033	0·031	0·032	0·029	0·050	0·022
Relapsing .	0·006	0·007	0·003	0·012	0·004	0·000	0·006	0·004	0·007
Simple Cont.	0·001	0·001	0·001	0·002	0·000	0·005	0·000	0·000	0·000
Infantile .	0·005	0·004	0·004	0·002	0·009	0·000	0·012	0·004	0·000
Dropsy . . .	0·028	0·026	0·020	0·040	0·017	0·032	0·065	0·031	0·011
Cancer . . .	0·041	0·033	0·058	0·042	0·053	0·030	0·056	0·023	0·038
PHTHISIS . .	0·329	0·394	0·247	0·317	0·251	0·334	0·371	0·186	0·275
Apoplexy . . .	0·048	0·046	0·057	0·046	0·027	0·057	0·071	0·042	0·053
Paralysis . . .	0·065	0·056	0·075	0·063	0·056	0·068	0·123	0·082	0·080
BRONCHITIS . .	0·356	0·439	0·233	0·406	0·265	0·306	0·342	0·247	0·202
Pneumonia .	0·108	0·133	0·091	0·115	0·053	0·097	0·073	0·080	0·065
Teething . . .	0·041	0·049	0·021	0·030	0·035	0·061	0·058	0·027	0·034

prevalent epidemic in Aberdeen, the deaths therefrom constituting 3·14 per cent. of the mortality; after which followed Fever, constituting 2·80 per cent. of the deaths, and Diphtheria 2·71 per cent. Scarlatina, with Diphtheria, thus constituted the high proportion of 5·85 per cent. of the deaths.

Greenock presented the anamoly of having been, during the past year, one of the towns most free from epidemic diseases; and it is interesting to note that in the two towns which are situated on the banks of the same river, viz. Glasgow and Greenock, Hooping-cough was the leading epidemic. In Greenock, Hooping-cough caused 6·71 per cent. of the deaths; and the second most fatal of the zymotic diseases was Croup, which caused 2·74 per cent. of the deaths. The mortality from Fever and Scarlatina was nearly alike, the former causing 2·57 per cent., the latter 2·56 per cent. of the deaths. The mortality from Diarrhœa was almost the same as in Glasgow, viz. 2·38 per cent. of the deaths.

Paisley resembled Glasgow and Greenock in having Hooping-cough as its most fatal epidemic, that disease causing 6·71 per cent. of the deaths. Fever was the next most fatal, constituting 4·23 per cent. of the deaths; after which followed Measles, 2·12 per cent., and Diarrhœa, 2·05 per cent. of the deaths.

In Leith, Small-pox was the leading and most fatal epidemic, and constituted the enormously high proportion of 16·66 per cent. of the deaths. As in Aberdeen, Measles occurred only during the prevalence of Small-pox, and died out with it as the year advanced; the mortality, however, from

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TABLE XIV.—Percentage of Deaths from different Diseases to the Total Deaths in each of the Eight Principal Towns of Scotland during the Year 1872, allowing for the causes of Death not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Paisley.	Leith.	Perth.
I. Zymotic Diseases .	24·90	21·43	31·61	27·89	25·80	21·34	20·76	36·78	16·66
III. Tubercular Diseases	17·18	19·60	13·29	15·79	15·59	17·62	18·57	12·24	16·66
IV. Brain, etc., Diseases	8·63	8·18	9·80	7·72	9·50	8·52	9·68	8·03	9·45
V. Heart, etc., Diseases.	4·64	3·59	6·50	5·14	5·89	5·12	3·25	4·35	7·56
VI. Respiratory Organs .	17·93	21·63	13·86	19·48	15·40	15·61	15·04	13·06	13·74
VII. Digestive Organs .	6·52	7·33	5·56	4·64	6·23	6·71	7·84	4·87	7·39
XIII. Debility, Premat. Birth	4·60	4·69	3·82	5·24	4·18	5·91	4·87	5·04	5·67
XV. Old Age . . .	4·05	3·06	3·84	4·23	5·01	4·82	8·05	4·80	11·00
XVII. Violent Deaths . .	3·62	3·93	3·13	2·76	2·80	5·85	2·68	3·75	4·47
Small-pox . .	5·14	1·06	12·85	8·61	6·27	0·55	0·64	16·66	2·11
Measles . . .	1·19	0·89	0·11	3·86	2·66	0·35	2·12	1·05	0·00
SCARLATINA .	3·12	2·58	6·46	0·23	3·14	2·56	0·92	6·54	1·03
Diphtheria . .	1·38	1·05	1·01	3·05	2·71	1·28	0·92	0·53	1·03
HOOPING-COUGH.	5·31	7·55	3·42	2·45	1·66	6·71	6·65	2·10	0·17
Croup . . .	1·54	1·29	0·58	2·51	2·09	2·74	1·91	2·48	1·37
DIARRHŒA . .	2·36	2·39	1·90	3·17	2·37	2·38	2·05	1·50	3·78
Dysentery . .	0·16	0·11	0·13	0·26	0·23	0·42	0·28	0·15	0·52
Cholera . . .	0·11	0·11	0·11	0·06	0·09	0·35	0·00	0·07	0·17
All FEVERS . .	3·18	3·22	3·38	2·39	2·80	2·57	4·23	3·68	4·30
Viz. Typhus .	1·41	1·29	1·96	0·64	0·90	1·22	2·61	1·58	2·93
Enteric .	1·23	1·48	1·08	1·21	1·33	1·16	0·99	1·80	1·03
Relapsing .	0·24	0·27	0·13	0·42	0·19	0·00	0·21	0·15	0·34
Simple Cont.	0·04	0·04	0·03	0·06	0·00	0·19	0·00	0·00	0·00
Infantile .	0·16	0·14	0·18	0·06	0·38	0·00	0·42	0·15	0·00
Dropsy . . .	0·99	0·88	0·75	1·47	0·96	1·16	1·73	1·12	0·52
Cancer . . .	1·48	1·16	2·16	1·50	2·29	1·10	1·91	0·83	1·72
PHTHISIS . .	11·93	13·71	9·26	11·32	10·64	12·25	12·54	6·68	12·36
Apoplexy . . .	1·77	1·61	2·12	1·67	1·47	2·07	2·40	1·50	2·40
Paralysis . . .	2·29	1·88	2·84	2·24	2·38	2·32	4·16	2·93	3·61
BRONCHITIS .	12·91	15·29	8·69	14·52	11·26	11·22	11·58	8·86	9·10
Pneumonia . .	3·92	4·64	3·42	4·13	2·23	3·53	2·54	2·85	2·92
Teething . . .	1·47	1·37	0·81	1·06	1·52	2·25	1·98	0·97	1·54

that disease was low, only causing 1·05 per cent. of the deaths. Scarlatina was the second most fatal of the epidemic diseases in Leith, and its fatality there was nearly the same as in Edinburgh, viz. 6·54 per cent. of the deaths. Fever was the third most fatal of the epidemics, constituting 3·68 per cent. of the deaths. Croup followed, constituting 2·48 per cent., and Hooping-cough 2·10 per cent., of the deaths.

In Perth, Fever was the most fatal of the epidemics, causing 4·30 per cent. of the deaths. Diarrhœa followed, and caused 3·78 per cent.; then Small-pox, 2·11 per cent.; while Scarlatina and Diphtheria had each only 1·03 per cent. of the deaths.

Combining the returns from the whole of the Eight Towns, it appears that Hooping-cough was the individual zymotic disease which induced the highest mortality, causing 1590 deaths, or 5·31 per cent. of the total mortality.

Small-pox was the next most fatal disease, having caused 1537 deaths in the Eight Towns, and thus constituted 5·14 per cent. of the total deaths.

We have no satisfactory record of the mortality in Scotland till the Registration Act came into operation in 1855; but from the imperfect records which have been collected and published, it is surmised that the Small-pox epidemic of the past year has been the most severe which has occurred in Scotland since the general adoption of vaccination in 1799. Much valuable information, however, may be obtained by comparing with care the deaths from Small-pox at different ages during the past year with the deaths from the same disease in the various slighter epidemics which attacked the Eight Towns during the nine years before the new Scottish Vaccination Act came into full operation,—a period when vaccination was greatly neglected, though not nearly so much so as either in England or Ireland. The facts are shown in Table XV. From that Table it is seen that in the ordinary epidemics of Small-pox which prevailed in Scotland when vaccination was considerably neglected, the principal fatality fell on children under five years of age, seeing that Table shows that, during the nine years specified, 74 per cent. of the whole Small-pox deaths were among children under that age. In the epidemic of 1872, however, only 23 per cent. of the Small-pox deaths occurred among children under five years of age; but if the same relative mortality had taken place among children at that age as occurred during the previous epidemics, when they were less efficiently protected by vaccination, instead of only 362 children under five years of age having died from Small-pox in the Eight Towns during 1872, 3370 children

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Table XV.—SMALL-POX DEATHS in the Eight Towns at different Ages during 1872 compared with those of the Nine years 1856–1864 in the same Towns before the Vaccination Act came into operation.

AGES.	Small-Pox Deaths, 1872.		Small-Pox Deaths, 1856–1864.	
	Number.	Percentage at each Age.	Number.	Percentage at each Age
0–5	362	23·5	3637	74·2
5–20	455	29·6	616	12·6
20–60	696	45·3	646	13·1
60 and above.	24	1·6	6	0·1
Total . .	1537	100·0	4906	100·0

would have died. The enforcement of the Vaccination Act, therefore, during the seven previous years, appears to have had the effect, in these Eight Towns alone, of saving the lives of upwards of three thousand children, and, of course, double that number over all Scotland.

By a reference to Table VI. at the end of this Report, it will be seen that the epidemic of Small-pox in the Eight Towns rapidly declined as the season advanced, so that by the end of August it was almost extinct. Thus the deaths, which were 461 in January, were 319 in February, 244 in March, 186 in April, 149 in May, 64 in June, 35 in July, 23 in August, and only 8 in September.

Fever was the third most fatal of the epidemic diseases in the Eight Towns, having caused 951 deaths, or constituted 3·18 per cent. of the mortality. This is a low mortality from Fever, the average annual proportion reaching nearly 5 per cent. of the deaths. Of these 951 deaths from Fever, 423 were registered as being caused by Typhus Fever, 398 by Enteric Fever, 70 by Relapsing Fever, 12 by Simple Continued Fever, and 48 by Infantile Fever, which is truly Enteric. As a general rule, Typhus Fever is much more common in the Towns of Scotland than Enteric Fever, while the reverse is the case in the Rural Districts. In 1872, however, Glasgow, Dundee, Aberdeen, and Leith presented the anomaly of the deaths from Enteric Fever exceeding those from Typhus, while in Greenock, few as were the cases of either, the mortality from each was nearly equal.

Scarlatina was the fourth most fatal of the epidemics in the Eight Towns, and cut off 934 persons, thus constituting 3·12 per cent. of the deaths. Its allied disease, Diphtheria, caused 412 deaths, and thus constituted 1·38 per cent. of the mortality. We have above directed attention to the singular fact observed at Dundee, that in 1872 Diphtheria seemed to have assumed the place and the mortality usually occupied by Scarlatina, 3·05 per cent. of the deaths in that Town having been caused by Diphtheria, but only 0·23 per cent. by Scarlatina.

Of the other more important diseases belonging to this class, Diarrhœa caused 705 deaths, Dysentery 50, Cholera 33, Croup 456, Measles 356, Erysipelas 119, and Metria 86 deaths.

The Tubercular class of diseases caused 5141 deaths in the Eight Towns, of which 3570 were attributed to Consumption, 901 to Hydrocephalus, 417 to Tabes Mesenterica, and 253 to Scrofula. The deaths from the tubercular class thus constituted 17·18 per cent. of the deaths, those from Consumption alone constituting 11·93 per cent.

No one can read these Reports without observing that, year after year, Leith stands prominently forward as the Town of Scotland which shows the smallest mortality from Phthisis or Consumption. It is in this respect in striking contrast, not only with the rest of the Principal Towns, but even with most of the Small Towns; and it is very questionable whether there is within the British Islands any town, or place of fashionable resort for health, which can show such a low mortality from Consumptive diseases. During the past year, only 6·68 per cent. of the deaths were caused by Consumption. Of the other Eight Principal Towns, Edinburgh showed the next smallest mortality from that disease, the deaths from Phthisis only constituting 9·26 per cent. of the mortality. The relative mortality from Phthisis in the Eight Towns during 1872 was as follows: For every ten thousand persons in each town, Phthisis cut off 18·6 in Leith, 24·7 in Edinburgh, 25·1 in Aberdeen, 27·5 in Perth, 31·7 in Dundee, 33·4 in Greenock, 37·1 in Paisley, and 39·4 in Glasgow. Or, if we view the subject from the percentage of total mor-

tality which Consumption caused in each Town, it will be seen that Phthisis caused 6·68 per cent. of the deaths in Leith, 9·26 per cent. in Edinburgh, 10·64 per cent. in Aberdeen, 11·32 per cent. in Dundee, 12·25 per cent. in Greenock, 12·36 per cent. in Perth, 12·54 per cent. in Paisley, and 13·71 per cent. in Glasgow.

Diseases of the Brain and Nervous System caused 2583 deaths in the Eight Towns, constituting 8·63 per cent. of the mortality. Relative to the population, the mortality of this class of diseases was lowest in Perth and Dundee, highest in Paisley and Edinburgh.

Diseases of the Heart and Circulatory System caused 1389 deaths in the Eight Towns, or 4·64 per cent. of the mortality. As compared with the population, Paisley and Glasgow exhibited the smallest proportion of deaths from these diseases, Edinburgh and Perth the highest.

The Inflammatory Affections of the Respiratory Organs caused 5489 deaths in the Eight Towns, being in the proportion of 50·6 deaths in every ten thousand persons, or 17·93 per cent. of the deaths. Nothing could be conceived more diverse than the rate at which this class of diseases proved fatal in each of the Eight Towns. Thus, for every ten thousand persons in each town, there died from this class of affections of the lungs only 30·5 in Perth, 36·3 in Aberdeen, 36·4 in Leith, 37·0 in Edinburgh, 42·7 in Greenock, 44·4 in Paisley, but the very high proportion of 60·6 in Glasgow. Or, if we compare the mortality from these affections with the total deaths, it is found that they caused 13·06 per cent. of the deaths in Leith, 13·74 per cent. in Perth, 13·86 in Edinburgh, 15·04 per cent. in Paisley, 15·40 per cent. in Aberdeen, 15·61 per cent. in Greenock, 19·48 per cent. in Dundee, but the very high proportion of 21·63 per cent. of the deaths in Glasgow. Leith, therefore, appears to be a place not only with the lowest mortality from Consumptive diseases, but also with the lowest mortality from Inflammatory Affections of the Respiratory Organs.

Diseases of the Organs of Digestion caused 1952 deaths, forming 6·52 per cent. of the mortality, or 18·4 deaths in every ten thousand persons. As regards the population, Dundee and Leith showed the lowest, Paisley and Glasgow the highest, mortality from that class of diseases.

Diseases of the Kidneys and Urinary Organs caused 489 deaths; Diseases of the Uterus and Childbirth, 200 deaths; Diseases of the Bones and Joints, 188 deaths; Diseases of the Skin, 28 deaths; Malformations, 79 deaths; Debility and Premature Birth, 1407 deaths; Atrophy, 204 deaths; Age, 1211 deaths; Sudden Deaths of which the causes were not specified, 99 deaths; and Deaths by Violence, etc., 1084 deaths.

Of the 1084 Violent Deaths, 44 were cases of suicide, being one suicide in every 686 deaths during the year, or one suicide in every 24,865 inhabitants of the Eight Towns. This is an unusually high proportion for Scotland, but low as compared with other countries. Of the deaths by suicide, 13 were by hanging, 10 by cut-throat, 8 by drowning, 6 by gunshot, 5 by poison, 1 by a cut on the arm, and in one the form of death was not stated. The greatest number of suicides occurred during the months of January, September, October, and November; the fewest in May. Thus 6 occurred in January and in September, 5 in October and in November, 4 in August, in June, and in February, 3 in March, 2 in April, July, and December, and 1 in May.

MARRIAGES IN THE EIGHT TOWNS.

10445 Marriages occurred in the Eight Towns during the year 1872, being in the proportion of 95 marriages for every ten thousand persons in the population. This is considerably above the average marriage-rate of the Towns, which, for the ten previous years, only averaged 90 marriages for every ten thousand persons.

The proportion of marriages varied greatly in the several Towns, having been lowest in Perth and highest in Glasgow. Thus, for every ten thousand persons in each of the Towns, there occurred 74 marriages in Perth, 81 in Aberdeen, 86 in Edinburgh and in Greenock, 91 in Dundee, 92 in Leith, 93 in Paisley, while Glasgow presented the high proportion of 104 marriages.

WEATHER AND ITS INFLUENCE ON THE MORTALITY.

Ever since these Reports were commenced, an attempt has been made to trace the influence of weather on the mortality in Scotland, which has resulted in the general conclusion that cold is the agent which has the most powerful effect in regulating and increasing the mortality. In this country, situated so far to the north, very mountainous and rugged in its outline, surrounded by water, and with its mainland broken up by deep arms of the sea, which extend far inland, the summer heats are so tempered that it is only on rare occasions that the effects of heat on the mortality are witnessed; and even then the increased temperature only gives rise to an increase of the ordinary bowel complaints, but never now generates those telluric miasmata which on the Continent of Europe, and in warmer regions, manifest themselves by deadly epidemics of intermittent and remittent fevers, dysentery, and cholera.

Under the influence, however, of depression of temperature in Scotland, the mortality of almost all diseases increases; and this increase is not confined to the sporadic diseases alone, but is often just as strongly marked in many of the epidemic diseases.

In reading Tables, however, drawn up with the view of showing the influence of season or weather on the mortality, it is very necessary to bear in mind that if the extreme cold weather should occur at the end of a month, the great majority of the diseases induced and aggravated by the cold would not prove fatal till the beginning of the next month, so that the deaths truly caused by the cold weather would be registered in a month to which they properly did not belong, and would make its mortality, though a milder month, to appear greater than that of the colder month. A notable instance of this happened in 1872. (Table XVI.) After a comparatively open winter, the last ten days of March proved truly wintry; hard frosts, with heavy falls of snow, and bitterly keen north-west, north-east, and north winds prevailed, and the health of the population suffered a severe check. But a very large number of the persons whose diseases were induced or aggravated by this severe wintry weather did not die till April, and these deaths so raised the mortality of that month that it far exceeded that of March, though it was a month not at all greatly different from the average Aprils of former years.

It is this circumstance which makes it so necessary in an annual Report where the influence of weather is attempted to be traced, to go year

after year over the same ground; because, when a ten-yearly average is shown, all these minute and really important particulars are lost.

One other general law deducible from the observations of former years seems to be necessary to be made, and that is, that when the cold first sets in it does not prove so fatal to the general population as it does later in the winter, when the constitutions of the people are somewhat weakened by the previous cold. This is noticed every year, and 1872 was no exception to the general law. December had a lower temperature than either January or February, but both these latter months had a higher mortality.

Table XVI. affords the means of comparing the monthly mean temperatures and proportion of deaths in 1872 with those of the ten years 1855 to 1864. During these ten years, January and February were the coldest months, their mean temperatures averaging respectively 37°·2 and 37°·4; after which follows December, with a mean temperature of 38°·6; then March, with a mean temperature of 39°·8. During these ten years, July was the warmest month; but its mean temperature differed so little from that of August that there was only a difference of three-tenths of a degree in favour of July. It will be seen that the year 1872 differed considerably from the average; for December was its coldest month, and in July, its warmest month, the mean temperature was nearly two degrees higher than the average of the ten years, and nearly three degrees higher than during August of its own year. The characteristics of the weather during the several months of 1872 may be summarized as follows:—

The year 1871 had closed with a cold December, whose mean temperature was below the mean, viz. 38°, and with the high mortality of 236 deaths daily.

January 1872 opened with comparatively mild weather, and had a mean temperature nearly two degrees higher than the ten years' average, viz. 39°, and a degree higher than that of the previous month; yet its deaths were higher, for they averaged 249 daily. A heavy snow-storm occurred on the 6th, under the influence of a north-west wind, and it was not till the 9th, when the wind changed to the south-west and west, that the snow melted. No truly wintry weather occurred during the remainder of the month, but the rainfall was very great.

February was a mild month, with the high mean temperature for the season of 41°·2; and under the influence of such weather the deaths fell to

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TABLE XVI.—Monthly Mortality and Mean Temperature in Scotland during the year 1872, compared with the Mean of the Ten Years 1855-1864.

	Year 1872.				1855-1864.	
Months.	Mean Temperature.	Actual Deaths.	Deaths when Months are equalized to 31 Days.	Proportion to 12,000 per Annum, or 1000 per Month.	Proportion.	Mean Temperature.
	°					°
January	39·0	7700	7700	1200	1134	37·2
February	41·2	6774	7240	1129	1193	37·4
March	41·8	6771	6771	1055	1145	39·8
April	45·2	7062	7264	1132	1083	44·1
May	47·4	6385	6385	995	1010	49·5
June	55·1	5598	5797	904	956	55·6
July	59·3	5951	5951	928	895	57·6
August	56·5	5572	5572	869	856	57·3
September	51·5	5169	5341	833	843	52·8
October	45·8	5909	5909	921	858	47·2
November	41·3	5944	6142	957	954	40·2
December	38·3	6906	6906	1077	1073	38·6
Year	46·9	75,741	76,978	12,000	12,000	46·7

234 daily. There was no wintry weather during the month, but a full rainfall.

March entered with mild weather and balmy south-westerly breezes, which continued till the 19th, when the wind changed to north-east, and snow began to fall; and under the influence of keen north, north-west, and north-east winds, snow fell heavily from the 21st to the 26th, and more lightly till the 28th, accompanied by keen frosts at night. After this the weather and winds became variable, and the snow melted. As above explained, the effect of the cold weather on the deaths was not observed during the month, for they fell below those of February and those of April, and only averaged 218 deaths daily; but the baneful influence of the cold was very observable among the population in the increase of bronchitic and other affections of the lungs, which greatly increased the mortality of April.

April had its usual kind of weather—very changeable, with mild, sunny periods, attended by west or south-west winds, suddenly followed by changes to cold periods, accompanied by northerly or easterly winds, often associated with slight hail or snow showers. In consequence of the majority of the diseases which were induced by the cold weather during the last week of March proving fatal in April, the mortality of April exceeded that of March, the deaths averaging 235 per day.

May had more than its usual share of cold weather, and its mean temperature was consequently only 47°·4, or more than two degrees lower

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TABLE XVII.—Meteorology of Scotland for the Year 1872, deduced from Observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General for 1872; also, the Number of Births, Deaths, and Marriages registered during each Month of the Year 1872.

1872.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov	Dec.	YEAR.
Highest Temp. in shade	56°·[illegible]	56°·0	63°·9	65°·5	70°·2	82°·[illegible]	85°·3	82°·3	73°·0	69°·0	65°·6	59°·0	85°·3
Lowest Temp. in do	18°·2	22°·0	16°·8	23°·0	25°·0	32°·0	35°·0	35°·6	30°·0	20°·0	21°·0	10°·0	10°·[illegible]
Mean Day Temp. . .	43°·3	45°·6	47°·3	51°·5	54°·2	62°·0	66°·6	63°·5	57°·2	51°·4	46°·1	42°·5	52°·6
Mean Night Temp .	34°·8	36°·[illegible]	36°·4	38°·9	40°·7	48°·1	51°·9	49°·6	45°·9	40°·1	36°·5	34°·1	41°·1
Daily Range	8°·[illegible]	8°·9	10°·9	12°·6	13°·5	13°·[illegible]	14°·8	13°·9	11°·3	11°·3	9°·6	8°·4	11°·[illegible]
Mean Temperature .	39°·[illegible]	41°·2	41°·8	45°·2	47°·4	55°·1	59°·3	56°·5	51°·5	45°·8	41°·3	38°·3	46°·9
Highest Temperature in sun	85°·0	104°·[illegible]	105°·9	120°·0	136°·0	143°·4	147°·2	139°·0	128°·0	109°·0	95°·0	80°·0	147°·2
Lowest on grass at night	8°·[illegible]	17°·0	12°·4	18°·0	13°·5	21°·0	23°·0	22°·0	15°·0	12°·0	12°·[illegible]	5°·0	5°·[illegible]
Wet-bulb Temperature	37°·[illegible]	39°·3	39°·4	42°·3	44°·8	52°·5	56°·3	54°·1	49°·3	43°·6	39°·7	37°·1	44°·8
Dew-point Temperature	36°·[illegible]	37°·7	37°·4	39°·5	42°·3	50°·2	54°·1	52°·2	47°·4	41°·8	37°·9	35°·4	42°·7
Humidity of Air . .	90	90	87	83	84	85	84	86	87	88	90	90	87
Elastic force of Vapour (inches)	·215	·226	·224	·243	·271	·365	·419	·391	·328	·265	·229	·208	·282
Number of Rainy Days	20	18	17	14	19	20	13	16	22	19	21	18	217
Amount of Rain (inch.)	6·48	4·28	3·26	2·14	3·32	5·16	3·59	3·89	5·94	4·75	6·01	5·33	54·15
Amount of Cloud . .	7·1	7·2	7·0	6·7	6·9	7·2	6·5	6·8	7·1	6·2	6·7	7·2	6·9
Hours of Sunshine .	61	78	108	151	169	175	229	161	110	127	75	56	1500
Mean Barometer (in.)	29·365	29·664	29·715	29·874	29·848	29·781	29·927	29·944	29·682	29·587	29·530	29·464	29·698
Easterly Winds (number of days) . . .	8	11	11	9	9	6	12	14	5	7	9	11	112
Westerly Winds (do.)	14	9	10	12	14	14	10	8	17	16	13	10	147
Births	10258	9382	9866	10595	10443	9688	10436	9675	9070	10056	9432	9972	118873
Deaths	7700	6774	6771	7062	6385	5598	5951	5572	5169	5909	5944	6906	75741
Marriages	2983	1481	1356	1670	1150	3578	2784	1588	1519	1662	2595	3254	25580
Daily Births	331	323	318	353	337	323	337	312	302	324	314	323	324
Daily Deaths	249	234	218	235	206	187	192	180	172	191	198	223	206

than the average during the ten years 1855–64. Snow fell on the 11th, 17th, and 19th, under the influence of north-west and north-east winds; indeed, all the higher parts of the country were white on the 19th. The daily deaths therefore only fell to 206.

June was chiefly characterized by its excessive rainfall, want of sunshine, more clouded sky, greater amount of humidity of atmosphere, and more numerous thunder-storms than occurred for years previous. Its mean temperature was very nearly normal, being 55°·1. The deaths consequently fell to 187 daily.

July was the warmest month of the year, being not only nearly two degrees of mean temperature higher than the average, but nearly three degrees higher than August. Its mean temperature was 59°·3. It had also a greater rainfall than usual, and a greater amount of humidity in the atmosphere. Under the influence of this increased heat, the mortality increased, so that the daily deaths amounted to 192.

August was both colder and more rainy than usual, with a much larger amount of humidity in the atmosphere, and more frequent mists, caused by an unusual prevalence of east winds. Its mean temperature was only 56°·5. Under the colder weather the mortality fell, so that only 180 deaths occurred daily in Scotland.

September was, for the season, an unusually cold, rainy, inclement month; and on the 20th and 21st snow fell on all the higher parts of the country, and sharp frosts occurred. Storms of wind were also of more frequent occurrence and of longer duration than usual, and caused many casualties. The mean temperature was 51°·5, and the rainfall was double the usual amount. This is the month of least mortality in Scotland, and proved to be such in 1872, only 172 deaths daily having occurred during the month.

TABLE XVIII.—Showing the connection between certain Atmospheric Phenomena, especially Mean Temperature, and the Deaths from certain Diseases and Classes of Disease, in the Eight Principal Towns of Scotland, during each Month of the Year 1872.

1872.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug	Sept.	Oct.	Nov.	Dec.
Mean Temperature . .	39°·8	41°·5	42° 1	45°·5	47°·8	56°·1	59° 7	56°·8	52°·0	46°·3	41°·8	38° 8
Highest Temperature .	53°·2	54° 5	61°·8	68°·5	67°·3	80°·8	79°·7	76°·0	73° 0	69°·0	62°·3	57°·0
Lowest Temperature . .	24°·0	28° 0	22°·0	29°·0	30°·0	38° 7	41°·7	41°·0	34°·0	25°·0	26°·0	18° 0
Rainfall in inches . .	5·95	3·75	2·87	1·61	3·35	5·41	4·20	3·83	6·85	4·25	6·15	5·02
Easterly Winds (days) .	8	11	11	9	10	7	14	17	7	7	11	12
Westerly Winds (days) .	16	10	11	14	16	17	12	11	20	20	14	13
Total Deaths . . .	3174	2780	2662	2774	2609	2209	2301	2236	2107	2391	2322	2613
Daily Deaths . . .	102	96	86	92	84	74	74	72	70	77	77	84
Zymotic Diseases . .	1039	862	735	694	595	471	475	548	568	528	456	478
Small-pox	461	319	244	186	149	64	35	23	8	16	12	20
Measles	50	25	15	31	28	31	38	30	27	15	28	38
Scarlatina . . .	94	80	72	65	58	60	51	77	88	113	93	83
Diphtheria	45	27	26	18	23	22	20	19	38	65	57	52
Hooping-Cough . . .	160	198	191	182	185	139	124	106	87	86	60	72
Croup	35	28	31	31	28	17	25	37	47	55	56	66
All Fevers	119	94	81	99	66	59	59	70	73	84	78	69
Diarrhœa	25	44	30	35	26	47	83	138	147	58	31	41
Dysentery	3	1	2	5	3	–	7	7	8	7	5	2
Cholera	2	–	–	–	1	1	7	8	13	1	–	–
Consumption . . .	300	299	323	340	366	312	338	290	244	236	263	259
Diseases Respiratory Organs	600	474	476	513	469	390	338	273	295	503	497	661
Heart, etc., Diseases . .	114	112	119	133	117	118	93	105	100	118	130	130
Brain, etc., Diseases . .	241	222	193	272	229	177	210	190	192	228	199	230
Debility and Premat. Birth	126	109	107	123	146	88	119	120	108	110	110	141
Age	112	99	101	108	93	88	88	91	69	103	108	151

October had a temperature below the mean, viz. 45°·8, and was both wetter and colder than usual. Sharp frosts, with north and north-west winds, prevailed on the 4th and 5th, checking vegetation, and stripping the larger-leaved trees of their leaves. The month ended with a severe thunder-storm on the 30th, with deluges of rain, and heavy floods on all the rivers. Under this ungenial weather the mortality again began to increase, so that 191 deaths occurred daily.

November was chiefly remarkable for its almost continuous fall of rain —double the usual amount—and the constant recurrence of hurricanes, chiefly from the south-west. It often happened, however, that on the east coast the storm was blowing from the opposite direction, viz. from the north-east. The daily deaths only numbered 198, and the mean temperature was 41°·3, about a degree higher than usual.

December did not differ greatly from ordinary seasons, either in its mortality or in its weather. The mean temperature was very slightly lower, and the rainfall greater, than usual; the amount of sunshine less, and that of cloud more. Its mean temperature was 38°·3, and the mean daily deaths 223.

At present we have it not in our power to show, in a tabular form, the influence of season on the different diseases which cut off the inhabitants of Scotland. But the abstract of our Monthly Reports, given in detail in Table VI. of our Appendix, and summarized in Table XVIII. below, shows the facts for the Eight Principal Towns of Scotland. Small limited tables like these never can show, with any absolute accuracy, the real influence of season on the different epidemic diseases, because it happens that it is not the same epidemic which is prevailing in all the towns at the same moment; and it may and does occasionally happen, that while an epidemic is dying out of the towns on the western side of the island, it is only beginning to assume the epidemic type in the towns situated on the eastern side. In a

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TABLE XIX.—Deaths, Temperatures, and Fall of Rain in the Eight Principal Towns of Scotland, during each Week of the Year 1872.

No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches	No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches
			Mean.	Highest	Lowest.					Mean.	Highest	Lowest.	
			°	°	°					°	°	°	
1	January 6	698	38·8	52·0	24·0	1·186	27	July 6	559	60·2	79·0	42·0	0·197
2	13	716	36·3	51·0	20·5	1·308	28	13	433	57·4	74·0	43·7	1·669
3	20	663	41·2	52·0	30·0	1·468	29	20	494	58·3	74·0	42·5	0·062
4	27	703	38·5	48·0	23·0	0·902	30	27	511	61·9	76·0	49·5	1·939
5	February 3	693	44·8	54·5	30·7	1·203	31	August 3	527	57·5	78·0	43·0	0·472
6	10	677	41·8	54·0	27·0	0·734	32	10	509	55·1	65·7	42·8	0·884
7	17	670	41·7	53·0	30·0	0·788	33	17	501	57·4	76·0	41·0	1·157
8	24	650	40·4	50·0	31·0	1·122	34	24	507	59·3	74·0	43·0	0·183
9	March 2	644	41·9	54·0	29·0	1·337	35	31	496	56·4	69·0	45·2	1·482
10	9	631	47·8	62·0	34·0	0·141	36	September 7	489	55·4	68·0	40·0	3·024
11	16	572	44·4	57·2	28·0	0·648	37	14	487	57·2	73·0	45·8	1·407
12	23	608	39·2	57·0	27·0	0·530	38	21	506	50·6	68·5	34·0	0·303
13	30	692	37·1	47·2	22·0	1·393	39	28	477	45·9	56·0	34·5	1·438
14	April 6	634	40·9	68·5	30·0	0·286	40	October 5	542	47·1	60·2	26·0	1·098
15	13	649	49·4	63·0	34·0	0·099	41	12	528	46·0	57·0	28·0	0·843
16	20	587	44·4	61·0	29·0	0·130	42	19	513	44·2	54·7	26·0	0·268
17	27	650	44·1	58·0	29·0	1·013	43	26	549	47·0	56·6	37·0	1·283
18	May 4	563	50·1	63·9	35·4	0·436	44	November 2	558	46·4	57·0	35·0	2·229
19	11	565	45·9	57·5	34·0	0·827	45	9	499	46·1	62·0	30·0	2·035
20	18	576	45·5	57·7	30·0	1·699	46	16	476	37·9	50·5	30·0	0·830
21	25	586	46·4	67·0	32·0	0·471	47	23	620	40·4	53·2	26·0	1·249
22	June 1	610	52·5	67·2	37·5	0·334	48	30	576	42·3	51·7	28·9	1·227
23	8	531	52·1	64·0	40·0	1·251	49	December 7	537	38·2	50·0	22·0	0·899
24	15	538	55·5	71·8	45·0	0·969	50	14	604	34·5	48·5	18·0	0·298
25	22	535	60·2	80·8	48·0	1·231	51	21	607	37·0	47·0	18·0	1·105
26	29	539	56·4	73·0	45·7	1·889	52	28	602	45·6	57·0	35·5	2·669

table, therefore, such as this, the decaying epidemic in the one set of towns balances the increasing epidemic in the other, and the tables are apt to give an erroneous idea regarding the influence of season on it.

We have had no such epidemic of Small-pox, within the memory of the present generation, like that recent one which simultaneously appeared in the four Principal Towns, Edinburgh, Dundee, Aberdeen, and Leith, all situated on the eastern side of Scotland. Let us extract the deaths from Small-pox which occurred during each month in these towns, from the month of August 1871, when that disease first assumed the epidemic type, till July 1872, when it disappeared as an epidemic, and ascertain how far it conformed to the law as to the influence of season which has been already traced with regard to epidemics of Fever.

In these four towns, though Small-pox very slightly increased in August, it was not till September 1871 that it fairly assumed the epidemic type. During August 1871, only 24 persons died from Small-pox in these towns; 38 died in September, 80 in October, 141 in November, 328 in December, and 423 in January 1872, when the highest mortality from that epidemic was reached. It will be seen, by reference to the last column of Table XXI., that in all this Small-pox followed the usual law which appears to regulate the increase of mortality in Scotland, viz. increased with the depression of temperature, till it attained its highest mortality during the very month when the mortality from all diseases is highest. From this period the epidemic of Small-pox slowly but steadily declined in all the towns; for 300 deaths occurred in February 1872, 226 deaths in March, 164 in April, 135 in May, 49 in June, and only 27 in July, when the epidemic constitution ceased.

The influence of season on epidemics, however, is not in all respects the same as its influence on the ordinary diseases. Little as we know positively about epidemics, this may be assumed from what we do know regarding a few, that their origin has some connection with telluric, or with conjoined telluric and atmospheric, miasmata. The origin of ague, of yellow fever, and of dysentery, in warm countries, shows sufficiently that some such connection does exist; and one of the strongest points which

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TABLE XX.—Monthly Mortality at Four Periods of Life in the Eight Principal Towns of Scotland during the Year 1872, and proportion at each Age in every hundred Deaths per Month.

MONTHS.	Actual Number of Deaths in 1872.					Proportion at each Age in every Hundred Deaths per Month.				
	0–5 years.	5–20.	20–60.	60 and above.	Total Deaths.	0–5 years.	5–20.	20–60.	60 and above.	Total.
January . .	1178	472	1032	492	3174	37·11	14·87	32·52	15·50	100·00
February. .	1114	332	909	425	2780	40·07	11·94	32·70	15·29	100·00
March. . .	1036	330	847	449	2662	38·91	12·40	31·82	16·87	100·00
April . . .	1102	314	884	474	2774	39·72	11·32	31·87	17·09	100·00
May . . .	1085	300	812	412	2609	41·59	11·50	31·12	15·79	100·00
June . . .	922	284	670	333	2209	41·74	12·86	30·33	15·07	100·00
July . . .	987	272	677	365	2301	42·90	11·82	29·42	15·86	100·00
August . .	990	270	642	334	2236	44·28	12·07	28·71	14·94	100·00
September .	980	232	581	314	2107	46·51	11·01	27·58	14·90	100·00
October . .	1026	254	683	428	2391	42·91	10·62	28·57	17·90	100.00
November .	967	244	669	442	2322	41.66	10·48	28.82	19·04	100·00
December .	1006	241	790	576	2613	38·50	9·22	30·24	22·04	100·00
YEAR .	12,393	3,545	9,196	5,044	30,178	41·07	11·74	30·48	16·71	100·00

demonstrates the powerful influence of weather on these diseases, is the ascertained fact that heavy falls of rain, which purify the atmosphere, and carry down, as it were, the miasmatous exhalations, have the effect of temporarily arresting the progress of yellow fever, even after it has made its appearance as an epidemic. This has been more than once strikingly noticed at New Orleans.

Now, it is a remarkable fact that during the latter months of the past year, at the very time when our usual epidemics begin to increase, the fall of rain was about double its usual amount, and continued so till the year closed. It must, therefore, be something more than a mere coincidence, when Table XVIII. shows it is a fact that instead of the deaths from epidemics increasing with the fall of the season, as they notably did the previous year, and on the average of years, their mortality absolutely declined, so that in the Eight Towns the zymotic diseases, which caused 568 deaths in September, only caused 528 in October, 456 in November (the rainiest month), and 478 in December.

Diseases of the Respiratory Organs show the influence of weather more than, perhaps, any other class. During the year 1872, December was the month of lowest temperature, and it was also the month of greatest mortality for that class of diseases; and the deaths increased during the several months just in proportion to the decrease of temperature. Thus, during August, only 273 deaths from the Inflammatory Affections of the Respiratory Organs occurred in the Eight Towns, and 295 in September; but during the cold month of October they rose to 503, remained much at the same mortality, viz. 497 deaths, during the rainy and comparatively mild month of November, but rose to 661 deaths during the stormy, cold month of December. January, which was the next coldest month, had the next highest mortality, for 600 deaths from this class of diseases were registered that month; and the months of February and March, which had very nearly the same temperature, had respectively 474 and 476 deaths. The last week of March, however, as above noticed, was a stormy, cold, wintry month, with keen northerly breezes, and so increased the cases of Inflammatory Affections

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TABLE XXI.—Months equalized to 31 days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in the Eight Principal Towns during each Month of the Year 1872.

MONTHS.	Relative Number of Deaths in 1872.					Monthly Deaths, proportioned to 1000 per Month, or 12,000 per annum.
	0–5 years.	5–20.	20–60.	60 and above.	Total.	
January . . .	1178	472	1032	492	3174	1241
February .	1190	356	971	453	2970	1163
March . . .	1036	330	847	449	2662	1041
April . . .	1139	324	913	490	2866	1121
May . . .	1085	300	812	412	2609	1020
June . . .	953	293	692	344	2282	893
July . . .	987	272	677	365	2301	900
August . . .	990	270	642	334	2236	875
September . .	1013	240	600	324	2177	851
October . . .	1026	254	683	428	2391	935
November . .	999	252	691	457	2399	938
December . .	1006	241	790	576	2613	1022
YEAR .	12,602	3,604	9,350	5,124	30,680	12,000

of the Respiratory Organs which proved fatal in April, that the mortality of these diseases in April rose to 513 deaths. The sudden changes to cold, frosty weather in May kept up the fatality of these complaints, so that 469 died from them in May; after which their mortality declined, till it attained its minimum in August of 273 deaths.

It is interesting to trace the influence of season and atmospheric vicissitudes on the mortality at different ages. To aid in this inquiry, we have for several years past given in these Reports Tables similar to those of XX. and XXI., in which the deaths in the Eight Principal Towns of Scotland, at four periods of life, are shown during each month, and in such a form that correct conclusions may be drawn regarding the influence of season at each age of life. To render a comparison of the mortality at each age during the several months possible or accurate, it is necessary that the deaths at each age should be corrected for the inequality of the length of the several months. When this is done, as in Table XXI., the figures in each column express the relative mortality of the persons at the named ages due to season; and it is instructive to note that it is not the same month which proves equally fatal to persons at different ages. These Tables having reference alone to the year 1872, when we speak of the relative mortality of the different months, the peculiarities in the meteorological conditions of these months must be allowed for or kept in remembrance, because 1872, being an exceptional year in many particulars, exhibited that difference on its deaths.

By Table XXI., then, it appears that in 1872, for children under five years of age, February was the most unhealthy month, and produced the greatest number of deaths; June the most healthy, producing the fewest deaths. Thus, in February there were 1190 deaths; then followed January, with 1178 deaths; April, with 1139 deaths; May, with 1085 deaths; March, with 1036 deaths; October, with 1026 deaths. These were the six most unhealthy months for children under five years of age. The most healthy were June, with 953 deaths; July, with 987 deaths; August, with 990 deaths; November, with 999 deaths; December, with 1006 deaths; and September, with 1013 deaths. From this it will be seen that the influence of season on the deaths of children under five years of age was very different indeed from that of season on the deaths of the whole population.

The second column of Table XXI. shows that the relative deaths of persons from five to twenty years of age was highest in January, and that the deaths steadily and regularly decreased till they attained their lowest number in September. This regular progressive decrease in the mortality of persons at these ages may render it liable to question whether that decrease can be fairly attributed to season, or whether it is not rather due to the fact that the whole epidemic class of diseases followed this same progressive decrease, and that, therefore, the progressive decrease was owing more to the dying out of the epidemic with the advance of the season than to the influence of season itself. No year was better fitted for throwing light on such an inquiry. It has been again and again shown in these Reports, and elsewhere, that epidemics usually appeared in Scotland about September, and increased in virulence with the decline of the season, till they attained their maximum mortality in January or February, depending on which turned out the most inclement month; and that from that period the mortality decreased with the advance of the season, till the epidemic itself died out before the summer heats commenced. It was, moreover, above demonstrated that the recent epidemic of Small-pox followed

exactly that course. If such be not the influence of season on epidemics, what is it to be called? The exact same course is seen to be followed by the Inflammatory Affections of the Respiratory Organs, which cut off as high a proportion of the people as epidemics themselves. If epidemics themselves, therefore, and the leading diseases to which our race is liable, are so strongly influenced by season, how unwise would it be to conclude that the second column of Table XXI. did not show the influence of season on the mortality, but only how the seasonal mortality of persons between five and twenty years of age was affected by the proportion of epidemics which prevailed during the several months of the year.

The influence of season on persons from twenty to sixty years of age was considerably different from that on children. To persons of that age January proved the most fatal month, causing 1032 deaths in the Eight Towns; next followed February, with 971 deaths; April, with 913 deaths; March, with 847 deaths; May, with 812 deaths; and December, with 790 deaths. The month of least mortality was September, with 600 deaths; then August, with 642 deaths; then July, with 677 deaths; October, with 683 deaths; November, with 691 deaths; and June, with 692 deaths.

The influence of season on persons above sixty years of age was different still. For them the most fatal month in 1872 was December, with 576 deaths; then January, with 492 deaths; then April, with 490 deaths; then November, with 457 deaths; February, with 453 deaths; and March, with 449 deaths. For those above sixty years of age, the month of least mortality was September, with 324 deaths; then August, with 334 deaths; then June, with 344 deaths; July, with 365 deaths; May, with 412 deaths; and October, with 428 deaths.

EIGHTH ANNUAL REPORT

ON THE

VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1871.

By the Scottish Vaccination Act, 26 and 27 Vict. cap. 108, whose provisions are limited to the vaccination of infants, the parents or guardians are allowed six months from the birth of the child, within which they may have it vaccinated before the provisions of the Act can be enforced under a penalty. From the inaccessibility, however, of a number of the Highland and Insular parishes, the Board of Supervision for the Relief of the Poor were empowered to extend that period for these inaccessible parishes as they saw fit; and accordingly, for a number of them, the period has been extended to eight, nine, and twelve months from the birth of the child. The consequence of this is, that the Vaccination Returns must always be one year behind those for the Births, Deaths, and Marriages, otherwise they would be published in an incomplete form, and would give an erroneous idea of the real state of vaccination in the country. Accordingly, the Returns now published, refer to the Vaccination of Children who were born during the year 1871.

By these Returns, it appears that of the 116184 births registered during that year, 101923 were successfully vaccinated, being 87·726 per cent. of the births; 841, or 0·724 per cent., had, from various causes, their

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TABLE XXII.—VACCINATIONS in SCOTLAND, 1864–1871, and proportion to the Births each year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Died before Vaccination.	Removed from District before Vaccination, or otherwise not accounted for.	TOTAL BIRTHS.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination.			
1864	Numbers .	95047	662	667	154	440	9180	2701	108851
1865	Numbers .	99648	719	474	34	207	9366	2622	113070
1866	Numbers .	100408	579	332	30	227	9433	2658	113667
1867	Numbers .	101139	670	233	16	151	9355	2480	114044
1868	Numbers .	102140	914	277	7	230	9440	2506	115514
1869	Numbers .	99265	966	177	17	174	10069	2773	113441
1870	Numbers .	101875	843	215	28	229	9724	2532	115446
1871	Numbers .	101923	841	241	142	175	10280	2582	116184
1864	Percentage	87·313	0·608	0·613	0·142	0·404	8·438	2·481	100·000
1865	Percentage	88 130	0·636	0 419	0·030	0·183	8·283	2·319	100·000
1866	Percentage	88·335	0·510	0·292	0·026	0·200	8·299	2·338	100·000
1867	Percentage	88·684	0 587	0·204	0 014	0·132	8·203	2·176	100·000
1868	Percentage	88·423	0·791	0·240	0·005	0·199	8·172	2·170	100·000
1869	Percentage	87·504	0·852	0·156	0·015	0·153	8·876	2·444	100 000
1870	Percentage	88·246	0·730	0·186	0·024	0·198	8·423	2·193	100·000
1871	Percentage	87·726	0·724	0·208	0·122	0·150	8·848	2·222	100·000

vaccination postponed beyond the year to which the Return refers; 241 children, being 0·208 per cent. of the births, were found to be insusceptible of the vaccine virus from constitutional insusceptibility; 142, being 0·150 per cent., insusceptible from having had an attack of Small-pox; and 175, being 0·150 per cent., insusceptible from their mothers or nurses having previously vaccinated them. The large number of 10280 children, being 8·848 per cent. of the births, had died before they could be vaccinated; while 2582 children, being 2·222 per cent. of the births, had been lost sight of by the Registrars, and probably escaped vaccination, in consequence of their parents or guardians having removed from the district in which they were born before the expiry of the period when their vaccination could have been enforced by the Act.

It is, however, more important and interesting to ascertain what proportion of the children born during 1871, and who survived to the age at which they could be vaccinated, were actually protected from Small-pox by

TABLE XXIII.—VACCINATIONS in SCOTLAND, 1864–1871, deducting from the Births those who died before they could be Vaccinated, and giving the proportion of the Vaccinated to the surviving Births of each year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Removed from District before Vaccination, or otherwise not accounted for.	TOTAL LIVING.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination		
1864	Numbers .	95047	662	667	154	440	2701	99671
1865	Numbers .	99648	719	474	34	207	2622	103704
1866	Numbers .	100408	579	332	30	227	2658	104234
1867	Numbers .	101139	670	233	16	151	2480	104689
1868	Numbers .	102140	914	277	7	230	2506	106074
1869	Numbers .	99265	966	177	17	174	2773	103372
1870	Numbers .	101875	843	215	28	229	2532	105722
1871	Numbers .	101923	841	241	142	175	2582	105904
1864	Percentage	95·361	0·664	0·669	0·155	0·441	2·710	100·000
1865	Percentage	96·089	0·694	0·457	0·033	0·199	2·528	100·000
1866	Percentage	96·329	0·556	0·318	0·029	0·217	2·551	100·000
1867	Percentage	96·609	0·640	0·222	0·015	0·144	2·370	100·000
1868	Percentage	96·292	0·861	0·261	0·007	0·216	2·363	100·000
1869	Percentage	96·027	0·935	0·171	0·016	0·168	2·683	100·000
1870	Percentage	96·362	0·797	0·203	0·026	0·217	2·395	100·000
1871	Percentage	96·241	0·794	0·228	0·134	0·165	2·438	100·000

TABLE XXIV.—Deaths from Small-pox in Scotland, 1855–1872.

YEARS.	Small-pox Deaths.	YEARS.	Small-pox Deaths.
1855	1309	1864	1741
1856	1306	1865	383
1857	845	1866	200
1858	332	1867	100
1859	682	1868	15
1860	1495	1869	64
1861	766	1870	114
1862	426	1871	1760*
1863	1646	1872	3073*

* For 1871 and 1872 the Small-pox Deaths are estimated from the ascertained Deaths from Small-pox in the Eight Principal Towns of Scotland as compared with the Total Small-pox Deaths in all Scotland during the fifteen years 1855–1869.

the vaccine virus. Table XXVI. is therefore added, not only showing that fact for 1871, but for every year since the Vaccination Act came into operation.

On referring to that Table, it will be seen that of the 105904 children who survived till they could be vaccinated, 101923, being 96 241 per cent., were successfully vaccinated; that 0·794 per cent. had their vaccination postponed; that 0·527 per cent. were found to be insusceptible of vaccination, from constitutional causes, or having had Small-pox, or having been previously vaccinated; while 2·438 per cent. had apparently escaped vaccination in consequence of having been lost sight of by the Registrar, through the removal of the parents from the district where the child was born before the provisions of the Registration Act could be enforced. As it is reasonable to infer that the cases of postponed vaccination would be duly attended to by the parents, and the cases which had been previously vaccinated and which had already had Small-pox were truly protected cases, it would appear that in 1871 only about $2\frac{1}{2}$ per cent. of the children who survived to the age when they could be vaccinated escaped vaccination. This proportion, though seemingly small in one year, becomes large as years advance, and leaves a large number of the population unprotected from the ravages of Small-pox, and in a class most likely to spread the disease from their wandering habits. It seems to be undoubted that the number of those who escape vaccination would be much smaller if, in all the larger towns and populous places, the period within which the child must be vaccinated were shortened to four months. The Act, as it stands, makes no provision for the vaccination of juveniles or adults, and it is the large proportion of these in the population which furnishes pabulum for the epidemics of Small-pox, when from any cause they break out.

Table XXIV. shows the number of deaths from Small-pox in Scotland since the Registration Act came into operation; and it will be seen that the probable deaths from Small-pox during the year 1872 has been nearly double that of any of the previous years.

In our previous remarks on the epidemic of Small-pox which ravaged Scotland in 1871 and 1872 (p. 20), we have referred to the protective influence which the more perfect vaccination of infants under the Vaccination Act had apparently extended over them during the progress of that epidemic, and, therefore, need only here refer to what was there stated. The facts there adduced certainly seem to prove that the Vaccination Act has done as much as any legislative enactment could do to protect the lives of the community through discoveries made in medical science. And, even if that Act could show no more fruit than that in one year during the ravages of an epidemic of Small-pox, mainly through its provisions, the lives of three thousand children had apparently been saved, the Act must be regarded as a great success.

I have the honour to be,

SIR,

Your most obedient Servant,

JAMES STARK.

GENERAL REGISTRY OFFICE OF BIRTHS, ETC.,
EDINBURGH, 17*th March* 1873.

TABLES

OF THE BIRTHS, DEATHS, AND MARRIAGES, REGISTERED IN EVERY COUNTY AND REGISTRATION DISTRICT OF SCOTLAND DURING THE YEAR 1872;

ALSO,

THE NATURE OF THE VACCINATIONS IN EVERY COUNTY AND DISTRICT OF SCOTLAND IN 1871.

I.—BIRTHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1872.

		Population.	Births.														
		1871	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births.	Males	Fem.
	SCOTLAND,	3,360,018	10258	9382	9866	10595	10443	9688	10436	9675	9070	10056	9432	9972	118873	61422	57451
	DIVISIONS.																
1	NORTHERN,	127,191	255	264	242	255	246	249	338	270	265	329	272	283	3268	1660	1608
2	NORTH-WESTERN,	166,351	427	331	389	356	292	338	373	356	375	408	319	377	4341	2287	2054
3	NORTH-EASTERN,	393,199	1073	978	1025	1112	1111	1081	1156	1145	994	1106	1049	1091	12901	6718	6183
4	EAST-MIDLAND,	559,676	1588	1487	1518	1594	1647	1428	1595	1440	1377	1549	1506	1487	18216	9380	8836
5	WEST-MIDLAND,	251,088	687	652	658	719	730	702	705	718	646	680	689	647	8233	4324	3909
6	SOUTH-WESTERN,	1,183,218	4235	3887	4193	4558	4386	3966	4291	3894	3803	4115	3854	4187	49372	25378	23994
7	SOUTH-EASTERN,	470,206	1448	1264	1287	1447	1432	1382	1402	1292	1125	1339	1239	1373	16030	8289	7741
8	SOUTHERN,	209,089	545	519	554	554	599	542	593	560	485	530	504	527	6512	3386	3126
	I. NORTHERN.																
1	Shetland,	31,608	58	62	50	51	77	62	69	75	78	90	70	76	818	414	404
2	Orkney,	31,274	63	67	67	76	58	67	98	65	56	79	67	66	829	414	415
3	Caithness,	41,011	90	92	92	93	74	85	115	90	97	107	105	91	1131	587	544
4	Sutherland,	23,298	44	43	33	35	37	35	56	40	34	53	30	50	490	245	245
	II. NORTH-WESTERN.																
5	Ross and Cromarty,	82,093	198	143	172	177	132	173	188	164	194	210	157	177	2085	1098	987
6	Inverness,	84,258	229	188	217	179	160	165	185	192	181	198	162	200	2256	1189	1067
	III. NORTH-EASTERN.																
7	Nairn,	8,372	17	16	15	28	15	16	33	20	22	19	16	14	231	136	95
8	Elgin (or Moray),	44,549	107	101	105	129	113	107	111	120	91	134	105	107	1330	701	629
9	Banff,	58,883	157	147	152	181	151	190	175	157	148	161	139	162	1920	996	924
10	Aberdeen,	246,298	692	642	646	683	750	668	713	766	642	700	711	709	8302	4305	3997
11	Kincardine,	35,097	100	72	107	91	102	100	104	82	91	92	78	99	1118	580	538
	IV. EAST-MIDLAND.																
12	Forfar,	240,049	745	705	685	732	793	648	713	676	618	753	688	721	8477	4390	4087
13	Perth,	128,550	299	279	323	306	300	290	324	289	278	285	268	262	3503	1828	1675
14	Fife,	160,924	453	417	422	478	469	400	473	390	423	435	463	418	5241	2667	2574
15	Kinross,	7,918	14	21	23	17	19	24	17	16	12	19	24	20	226	128	98
16	Clackmannan,	22,235	77	65	65	61	66	66	68	69	46	57	63	66	769	367	402
	V. WEST-MIDLAND.																
17	Stirling,	93,345	297	289	277	312	307	305	325	289	276	295	279	268	3519	1891	1628
18	Dumbarton,	61,116	196	172	167	198	195	168	184	207	168	170	202	196	2223	1173	1050
19	Argyll,	79,661	164	160	165	175	183	192	164	174	166	178	173	159	2053	1047	1006
20	Bute,	16,966	30	31	49	34	45	37	32	48	36	37	35	24	438	213	225
	VI. SOUTH-WESTERN.																
21	Renfrew,	195,305	667	598	656	713	731	614	686	640	627	644	598	622	7796	3991	3805
22	Ayr,	200,908	664	592	668	718	679	655	645	591	543	594	568	684	7601	3947	3654
23	Lanark,	787,005	2904	2697	2869	3127	2976	2697	2963	2663	2633	2877	2688	2881	33975	17440	16535
	VII. SOUTH-EASTERN.																
24	Linlithgow,	41,379	135	133	157	160	143	131	155	139	116	147	152	124	1692	876	816
25	Edinburgh,	328,138	1074	878	888	1037	1002	999	972	864	800	924	839	999	11276	5835	5441
26	Haddington,	37,755	88	79	99	84	113	100	106	103	74	96	89	93	1124	586	538
27	Berwick,	36,382	79	95	81	88	95	80	85	95	72	93	78	93	1034	538	496
28	Peebles,	12,218	31	31	34	34	32	33	46	43	29	37	30	27	407	189	218
29	Selkirk,	14,334	41	48	28	44	47	39	38	48	34	42	51	37	497	265	232
	VIII. SOUTHERN.																
30	Roxburgh,	53,558	145	148	161	150	164	149	173	147	138	149	146	137	1807	935	872
31	Dumfries,	74,842	195	169	179	193	223	196	203	210	182	190	184	199	2323	1211	1112
32	Kirkcudbright,	42,087	104	97	109	101	113	103	110	109	77	108	91	100	1222	622	600
33	Wigtown,	38,602	101	105	105	110	99	94	107	94	88	83	83	91	1160	618	542

II.—DEATHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1872.

	Population.	DEATHS.														
	1871.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths.	Males	Fem.
SCOTLAND, -	3,360,018	7700	6774	6771	7062	6385	5598	5951	5572	5169	5909	5944	6906	75741	37945	37796
DIVISIONS.																
RTHERN,	127,191	186	174	172	175	164	140	165	139	111	135	156	191	1908	889	1019
RTH-WESTERN,	166,351	272	249	263	257	228	180	183	206	190	228	216	287	2759	1359	1400
RTH-EASTERN,	393,199	768	700	684	663	628	493	532	477	436	544	516	644	7085	3463	3622
ST-MIDLAND,	559,676	1323	1088	1008	1018	922	793	946	844	826	941	954	1165	11828	5711	6117
EST-MIDLAND,	251,088	533	443	483	479	450	432	472	464	401	491	429	518	5595	2821	2774
UTH-WESTERN,	1,183,218	2979	2640	2708	2949	2660	2423	2505	2386	2232	2485	2531	2829	31327	16061	15266
UTH-EASTERN,	470,206	1257	1109	1093	1126	1005	838	848	787	717	803	836	916	11335	5737	5598
UTHERN,	209,089	382	371	360	395	328	299	300	269	256	282	306	356	3904	1904	2000
I. NORTHERN.																
etland,	31,608	55	41	45	41	40	41	40	29	23	30	31	53	469	201	268
rkney,	31,274	27	37	34	50	40	36	31	37	25	29	42	47	435	202	233
aithness,	41,011	56	49	64	46	57	34	62	52	47	49	53	66	635	331	304
therland,	23,298	48	47	29	38	27	29	32	21	16	27	30	25	369	155	214
II. NORTH-WESTERN.																
oss and Cromarty,	82,093	124	110	123	97	104	81	85	95	84	102	92	135	1232	631	601
verness,	84,258	148	139	140	160	124	99	98	111	106	126	124	152	1527	728	799
III. NORTH-EASTERN.																
airn,	8,372	11	8	6	9	11	10	18	14	8	7	17	17	136	68	68
lgin (or Moray),	44,549	85	72	77	71	71	51	62	42	53	45	54	63	746	346	400
nff,	58,883	85	76	101	93	89	77	66	76	59	98	79	110	1009	485	524
berdeen,	246,298	507	489	447	435	408	316	329	308	279	354	321	406	4599	2286	2313
incardine,	35,097	80	55	53	55	49	39	57	37	37	40	45	48	595	278	317
IV. EAST-MIDLAND.																
orfar,	240,049	715	543	451	451	421	350	408	424	416	466	461	574	5680	2756	2924
erth,	128,550	229	231	213	216	214	166	225	180	168	187	193	235	2457	1190	1267
ife,	160,924	322	264	299	285	240	228	254	198	207	244	245	305	3091	1479	1612
inross,	7,918	8	10	9	12	14	10	18	6	7	10	16	17	137	68	69
lackmannan,	22,235	49	40	36	54	33	39	41	36	28	34	39	34	463	218	245
V. WEST-MIDLAND.																
irling,	93,345	199	168	196	192	183	149	204	162	172	199	187	235	2244	1120	1124
umbarton,	61,116	145	127	113	119	129	121	119	105	107	148	104	122	1459	772	687
rgyll,	79,661	165	120	138	133	105	133	114	138	91	110	114	133	1494	728	766
ute,	16,966	24	28	36	35	33	29	35	59	31	34	24	30	398	201	197
VI. SOUTH-WESTERN.																
enfrew,	195,305	477	398	403	456	428	370	415	408	410	420	426	449	5060	2560	2500
yr,	200,908	453	383	426	418	339	337	339	300	266	311	358	423	4353	2231	2122
anark,	787,005	2049	1859	1879	2075	1893	1716	1751	1678	1556	1754	1747	1957	21914	11270	10644
VII. SOUTH-EASTERN.																
inlithgow,	41,379	74	71	62	79	68	64	71	64	63	80	78	96	870	488	382
dinburgh,	328,138	985	899	871	884	799	641	636	589	540	598	614	652	8708	4389	4319
addington,	37,755	83	51	72	74	59	53	54	50	38	52	58	70	714	340	374
erwick,	36,382	54	51	58	46	35	39	46	45	41	42	44	53	554	286	268
eebles,	12,218	29	18	12	20	21	22	13	19	14	14	21	17	220	100	120
elkirk,	14,334	32	19	18	23	23	19	28	20	21	17	21	28	269	134	135
VIII. SOUTHERN.																
oxburgh,	53,558	96	87	88	98	64	59	68	84	73	60	77	95	949	457	492
umfries,	74,842	146	140	135	151	148	108	126	90	88	112	116	121	1481	739	742
irkcudbright,	42,087	72	60	75	81	70	71	57	50	44	57	68	68	773	367	406
igtown,	38,602	68	84	62	65	46	61	49	45	51	53	45	72	701	341	360

III.—MARRIAGES

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1872.

		Population.		Marriages.												
		1861	1871	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Total.
	SCOTLAND, -	3,062,294	3,360,018	2983	1481	1356	1670	1150	3578	2784	1588	1519	1622	2595	3254	25580
	DIVISIONS.															
1	NORTHERN, . . .	130 422	127,191	73	61	46	27	39	48	35	24	28	19	72	121	593
2	NORTH-WESTERN, . .	167.242	166,351	130	121	62	42	30	76	61	23	28	35	59	134	801
3	NORTH-EASTERN, . .	366,870	393,199	202	128	116	130	143	387	233	121	145	182	226	435	2458
4	EAST-MIDLAND, . .	523,822	559,676	531	188	210	225	198	596	353	221	222	218	486	558	4004
5	WEST-MIDLAND, . .	242,487	251,088	158	101	70	97	68	221	171	83	77	103	159	237	1545
6	SOUTH-WESTERN, . .	1,008,273	1,183,218	1389	639	583	830	455	1478	1444	757	710	730	1098	1152	11265
7	SOUTH-EASTERN, . .	408,962	470,206	392	168	193	234	166	572	371	282	230	248	366	406	3628
8	SOUTHERN, . . .	214,216	209,089	108	75	76	87	51	200	116	67	79	87	129	211	1286
	I. NORTHERN.															
1	Shetland, . . .	31,670	31,608	20	13	4	1	7	3	1	5	6	2	23	37	122
2	Orkney, . . .	32,395	31,274	13	17	19	16	7	14	17	10	5	3	23	27	171
3	Caithness, . . .	42,200	41,011	23	15	14	4	18	19	12	4	16	11	14	33	183
4	Sutherland, . .	24,157	23,298	17	16	9	6	7	12	5	5	1	3	12	24	117
	II. NORTH-WESTERN.															
5	Ross and Cromarty, . .	82,427	82,093	63	47	32	17	11	30	25	5	8	16	34	61	349
6	Inverness, . . .	84,815	84,258	67	74	30	25	19	46	36	18	20	19	25	73	452
	III. NORTH-EASTERN.															
7	Nairn, ...	8,347	8,372	3	4	4	2	3	8	2	6	2	6	4	10	54
8	Elgin (or Moray), . .	44,305	44,549	16	12	13	7	12	26	20	11	8	27	23	47	222
9	Banff, ...	56,020	58,883	21	20	19	12	22	56	29	15	21	34	33	63	345
10	Aberdeen, . . .	223.417	246,298	146	86	71	95	101	259	165	97	103	101	143	266	1633
11	Kincardine, . . .	34,781	35,097	16	6	9	14	5	38	17	2	11	14	23	49	204
	IV. EAST-MIDLAND.															
12	Forfar, ...	206 750	240,049	266	90	97	102	112	357	166	107	104	104	186	270	1961
13	Perth, ...	133,198	128,550	76	35	46	43	28	101	50	37	31	31	92	129	699
14	Fife, ...	155 021	160,924	160	54	59	72	52	118	123	57	81	76	178	144	1174
15	Kinross, ...	8,731	7,918	7	2	2	2	0	6	3	3	0	1	9	2	37
16	Clackmannan, . . .	20,122	22,235	22	7	6	4	6	14	11	17	6	6	21	13	133
	V. WEST-MIDLAND.															
17	Stirling, . . .	88,138	93,345	69	50	27	48	26	110	76	39	33	47	59	106	690
18	Dumbarton, . . .	54,179	61,116	44	23	21	24	15	51	58	19	20	29	50	68	422
19	Argyll, ...	83,859	79,661	39	19	18	19	22	43	25	19	16	20	43	50	333
20	Bute, ...	16,311	16,966	6	9	4	6	5	17	12	6	8	7	7	13	100
	VI. SOUTH-WESTERN.															
21	Renfrew, ...	168.746	195,305	208	93	92	117	63	210	225	174	101	109	170	154	1716
22	Ayr, ...	199,083	200,908	179	92	102	124	55	225	176	113	102	105	174	213	1660
23	Lanark, ...	640,444	787,005	1002	454	389	589	337	1043	1043	470	507	516	754	785	7889
	VII. SOUTH-EASTERN.															
24	Linlithgow, . . .	39,045	41,379	41	7	11	23	14	49	26	20	16	20	37	33	297
25	Edinburgh, . . .	273,792	328,138	290	138	154	174	119	418	298	230	183	190	280	283	2757
26	Haddington, . . .	37,626	37,755	29	8	9	16	19	44	15	11	16	15	21	31	234
27	Berwick, ...	36,488	36,382	13	7	9	15	7	35	13	11	3	15	19	31	178
28	Peebles, . . .	11,264	12,218	9	3	5	3	2	10	7	1	4	4	4	9	61
29	Selkirk, ...	10,747	14,334	10	5	5	3	5	16	12	9	8	4	5	19	101
	VIII. SOUTHERN.															
30	Roxburgh, . . .	53,722	53,558	34	19	23	32	16	45	31	16	28	11	34	71	36
31	Dumfries, ...	75 904	74,842	40	26	32	26	22	85	42	22	30	35	49	71	486
32	Kirkcudbright, . . .	42,680	42,087	16	17	7	15	7	48	23	14	13	20	25	32	237
33	Wigtown, . . .	41,910	38.602	18	13	14	14	6	22	20	15	8	21	21	37	209

IV.—Total DEATHS from all Causes at Four Periods of Life in the Eight Principal Towns of Scotland.—Year 1872.

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
All Causes .	12394	3544	9196	5044	30178
Specified Causes .	12221	3527	9128	5041	29917
Diseases:—					
I. Zymotic Class .	4307	1375	1464	303	7449
II. Dropsy, Cancer, and others of uncertain seat .	68	67	463	328	926
III. Tubercular Class	1509	1071	2462	99	5141
IV. Of Brain, etc.	872	200	701	810	2583
V. Of Heart, etc. .	26	76	770	517	1389
VI. Of Resp. Organs .	2623	281	1458	1127	5489
VII. Of Digest. Organs	936	125	575	316	1952
VIII. Of Kidneys, etc. .	42	47	259	141	489
IX. Of Uterus, etc. .	1	8	175	16	200
X. Of Joints, Bones, etc.	8	71	81	28	188
XI. Of Skin, etc. .	16	2	7	3	28
XII. Malformations .	78	1	–	–	79
XIII. Debility from Premature Birth .	1407	–	–	–	1407
XIV. Atrophy . .	79	34	91	–	204
XV. Age . . .	–	–	–	1211	1211
XVI. Sudden . . .	30	5	45	19	99
XVII. Violence, Privation, etc. . .	219	164	577	123	1083
I. Small-pox . .	362	455	696	24	1537
Measles . . .	335	20	1	–	356
Scarlatina . .	524	369	38	3	934
Diphtheria . .	305	92	14	1	412
Hooping-Cough .	1497	93	–	–	1590
Croup . . .	412	43	1	–	456
Thrush . .	15	–	–	–	15
Diarrhœa . .	512	19	74	100	705
Dysentery . .	12	1	14	23	50
Cholera . .	18	4	5	6	33
Influenza . .	10	3	7	13	33
Purpura; Scurvy .	4	6	5	2	17
Ague . .	–	–	1	–	1
Worms . . .	3	2	–	–	5
Typhus Fever .	31	75	270	47	423
Enteric Fever .	89	136	140	33	398
Relapsing Fever .	11	22	30	7	70
Simple Cont. Fever	3	2	7	–	12
Infant. Rem. Fever	41	7	–	–	48
Metria . . .	–	3	83	–	86
Rheumatic Fever .	–	12	20	4	36
Erysipelas . .	43	3	39	34	119
Pyæmia . . .	1	5	6	1	13
Syphilis . . .	76	2	11	3	92
Noma . . .	3	1	2	2	8
Hydrophobia .	–	–	–	–	–
II. Hæmorrhage .	3	–	20	7	30
Dropsy . . .	31	36	130	102	299
Abscess . .	17	15	25	12	69
Ulcer . . .	7	–	2	12	21
Fistula . . .	–	–	8	1	9
Mortification .	5	7	12	26	50
Cancer . . .	5	9	264	167	445
Gout . . .	–	–	2	1	3
III. Scrofula . .	109	96	46	2	253
Tabes Mesenterica	307	92	14	4	417
Phthisis . .	315	763	2399	93	3570
Hydrocephalus .	778	120	3	–	901

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
IV. Cephalitis .	175	73	43	8	299
Apoplexy . .	88	23	201	219	531
Paralysis . .	8	8	219	467	702
Delirium Tremens	–	–	24	–	24
Chorea . . .	–	2	–	–	2
Epilepsy . .	5	6	48	12	71
Tetanus . . .	7	2	4	1	14
Insanity . .	2	1	8	7	18
Convulsions . .	489	15	4	1	509
Dis. of Brain, etc.	98	70	150	95	413
V. Pericarditis . .	5	5	15	1	26
Aneurism .	–	–	32	14	46
Dis. of Heart, etc.	21	71	723	502	1317
VI. Laryngitis . .	41	9	16	–	66
Bronchitis . .	2037	137	812	877	3863
Pleurisy . .	7	7	40	18	72
Pneumonia . .	503	114	415	140	1172
Asthma . .	–	1	72	59	132
Dis. of Lungs, etc.	35	13	103	33	184
VII. Teething . .	441	–	–	–	441
Quinsey . .	9	9	6	2	26
Gastritis . .	19	4	26	8	57
Enteritis . .	242	38	62	21	363
Peritonitis . .	7	12	54	12	85
Ascites . .	2	4	14	3	23
Ulcer. of Intest. .	2	2	23	12	39
Hernia . . .	3	1	27	14	45
Ileus . . .	26	14	29	27	96
Intussusception .	6	4	1	1	12
Strict. of Intest. .	–	–	4	3	7
Dis. of Stomach .	120	17	104	92	333
Dis. of Pancreas .	–	–	3	–	3
Hepatitis . .	4	4	21	15	44
Jaundice . .	39	1	23	21	84
Dis. of Liver .	16	12	170	84	282
Dis. of Spleen .	–	3	8	1	12
VIII. Nephritis . .	14	4	12	10	40
Nephria . .	7	17	86	17	127
Addison's Disease	–	–	3	3	6
Ischuria . .	3	2	11	10	26
Diabetes . .	2	2	17	8	29
Stone . . .	1	2	12	8	23
Cystitis . . .	–	2	15	10	27
Strict. of Urethra	–	–	7	2	9
Dis. of Kidneys .	15	18	96	73	202
IX. Paramenia . .	–	3	4	–	7
Ovarian Dropsy .	–	–	23	5	28
Childbirth . .	–	4	136	–	140
Dis. of Uterus .	1	1	12	11	25
X. Arthritis . .	1	13	6	2	22
Rheumatism .	–	6	33	19	58
Dis. of Joints, etc.	7	52	42	7	108
XI. Carbuncle . .	–	–	3	1	4
Phlegmon . .	2	–	1	–	3
Dis. of Skin . .	14	2	3	2	21
XVII. Intemperance .	–	4	75	9	88
Privation of Food	3	–	3	–	6
Wt. Breast-milk .	46	–	–	–	46
Neglect . .	2	–	–	–	2
Cold . . .	2	–	1	1	4
Poison . . .	4	3	13	2	22
Poisoned Wounds	–	–	–	–	–
Burns and Scalds	60	21	19	9	109
Hanging, etc. .	–	1	9	3	13
Suffocation . .	53	1	9	3	66
Drowning . .	9	36	115	17	177
Fractures & Contus.	23	86	279	65	453
Gunshot Wounds	–	–	7	–	7
Cuts and Stabs .	–	1	12	4	17
Other Vio. Causes	17	11	35	10	73
Not specified .	173	17	68	3	261

V.—DEATHS from all Causes at Four Periods of Life Year 1872.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
ALL CAUSES . . .	6323	1631	4244	1849	14047	1761	729	1854	1133	5477	1567	363	1014	543	3487	731	269	590	529	2119
SPECIFIED CAUSES . .	6237	1624	4204	1847	13912	1754	728	1847	1132	5461	1557	361	1009	543	3470	721	268	586	529	2104
DISEASES :—																				
I. Zymotic Class	2050	439	404	89	2982	690	457	498	80	1725	600	167	171	30	968	269	105	126	43	543
II. Dropsy, Cancer, and others of uncertain seat	27	30	178	101	339	8	12	96	84	200	11	6	74	33	124	12	6	31	44	93
III. Tubercular Class	799	621	1265	42	2727	190	108	406	22	726	154	98	281	15	548	85	88	144	11	328
IV. Of Brain, etc .	453	108	289	288	1138	146	35	139	215	535	102	7	88	71	268	62	16	45	77	200
V. Of Heart, etc. .	11	33	301	155	500	5	16	182	152	355	7	8	101	62	178	1	8	60	55	124
VI. Of Resp. Organs .	1463	156	886	504	3009	311	33	197	216	757	369	33	141	133	676	130	17	66	111	324
VII. Of Digest. Organs	544	66	290	120	1020	121	20	102	71	314	73	8	52	28	161	49	9	31	39	128
VIII. Of Kidneys, etc. .	23	24	118	40	205	10	11	60	39	120	3	3	19	10	35	2	3	28	29	62
IX. Of Uterus, etc. .	1	5	86	4	96	-	-	36	3	39	-	2	8	1	11	-	1	10	3	14
X. Of Joints, Bones, etc.	3	28	35	10	76	2	20	18	6	46	-	8	8	1	17	-	8	6	6	20
XI. Of Skin, etc.	7	-	2	-	9	1	1	1	1	4	2	1	-	-	3	-	-	2	-	2
XII. Malformations .	31	-	-	-	31	18	-	-	-	18	13	-	-	-	13	6	-	-	-	6
XIII. Debility from Premature Birth .	653	-	-	-	653	209	-	-	-	209	182	-	-	-	182	88	-	-	-	88
XIV. Atrophy . .	41	20	34	-	95	9	2	16	-	27	11	2	12	-	25	-	2	4	-	6
XV. Age . . .	-	-	-	426	426	-	-	-	210	210	-	-	-	147	147	-	-	-	105	105
XVI. Sudden . .	15	4	29	11	59	1	-	2	2	5	9	-	7	2	18	-	-	2	-	2
XVII. Violence, Privation, etc. . .	116	90	287	54	547	33	13	94	31	171	21	18	47	10	96	17	5	31	6	59
I. Small-pox . .	25	45	76	2	148	150	206	335	11	702	107	98	93	1	299	21	30	76	5	132
Measles . . .	101	9	-	-	110	6	-	-	-	6	128	6	-	-	134	52	3	1	-	56
Scarlatina . .	212	132	15	-	359	171	165	16	1	353	5	3	-	-	8	36	26	3	1	66
Diphtheria . .	110	35	2	-	147	33	16	6	-	55	86	18	2	-	106	38	17	2	-	57
Hooping-Cough .	985	65	-	-	1050	177	10	-	-	187	79	6	-	-	85	31	4	-	-	35
Croup . . .	170	10	-	-	180	25	7	-	-	32	76	11	-	-	87	39	5	-	-	44
Thrush . . .	3	-	-	-	3	1	-	-	-	1	4	-	-	-	4	6	-	-	-	6
Diarrhœa . .	266	7	31	27	331	62	5	13	24	104	90	2	11	7	110	22	2	5	21	50
Dysentery . .	6	-	2	7	15	2	1	1	3	7	-	-	7	2	9	-	-	1	4	5
Cholera . . .	9	2	4	-	15	1	-	1	4	6	-	1	-	1	2	2	-	-	-	2
Influenza . .	8	2	5	7	22	2	-	-	1	3	-	-	1	2	3	-	-	1	3	4
Purpura; Scurvy .	-	1	2	1	4	1	3	2	-	6	3	-	1	-	4	-	-	-	-	-
Ague . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Worms . . .	3	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus Fever .	13	31	121	15	180	13	22	58	14	107	-	4	13	5	22	1	2	12	4	19
Enteric Fever .	56	71	67	12	206	13	14	26	6	59	8	14	14	6	42	3	8	14	3	28
Relapsing Fever .	5	13	16	3	37	2	1	3	1	7	3	1	8	3	15	-	3	1	-	4
Simple Cont. Fever	2	2	1	-	5	-	-	2	-	2	-	-	2	-	2	-	-	-	-	-
Infant. Rem. Fever	16	4	-	-	20	9	1	-	-	10	2	-	-	-	2	7	1	-	-	8
Metria . . .	-	-	33	-	33	-	1	18	-	19	-	1	11	-	12	-	1	5	-	6
Rheumatic Fever .	-	4	7	-	11	-	2	5	4	11	-	1	2	-	3	-	2	2	-	4
Erysipelas . .	18	1	14	11	44	10	2	7	10	29	1	-	3	2	6	5	-	2	2	9
Pyæmia . . .	-	3	1	1	5	1	1	2	-	4	-	1	1	-	2	-	-	-	-	-
Syphilis . .	41	1	6	2	50	11	-	3	1	15	7	-	2	-	9	6	1	-	-	7
Noma . . .	1	-	1	1	3	-	-	-	-	-	1	-	-	1	2	-	-	-	-	-
Hydrophobia .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II. Hæmorrhage .	-	-	8	3	11	-	-	2	1	3	-	-	3	-	3	3	-	2	1	6
Dropsy . . .	16	18	50	39	123	2	4	16	19	41	6	4	30	11	51	4	-	5	7	16
Abscess . . .	7	6	8	4	25	2	2	7	3	14	2	1	2	1	6	3	5	3	3	14
Ulcer . . .	2	-	-	1	3	1	-	1	2	4	1	-	-	2	3	2	-	-	3	5
Fistula . . .	-	-	2	-	2	-	-	2	-	2	-	-	2	1	3	-	-	-	-	-
Mortification .	1	4	2	7	13	2	1	6	8	17	2	1	1	2	6	-	-	-	3	3
Cancer . . .	2	2	107	50	161	1	5	62	50	118	-	-	36	16	52	-	1	20	27	48
Gout . . .	-	-	1	-	1	-	-	-	1	1	-	-	-	-	-	-	-	1	-	1
III. Scrofula . .	55	65	20	2	142	18	7	13	-	38	13	4	3	-	20	5	11	4	-	20
Tabes Mesenterica	175	57	8	2	242	41	5	4	1	51	36	6	1	1	44	14	6	-	-	20
Phthisis . .	187	447	1236	38	1908	22	75	387	21	505	25	77	277	14	393	20	53	140	11	224
Hydrocephalus .	382	52	1	-	435	109	21	2	-	132	80	11	-	-	91	46	18	-	-	64

Year 1872.

CAUSES OF DEATH.	PAISLEY.					GREENOCK.					LEITH.					PERTH.					Grand Total.
	0-5	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60,etc.	Total.	0-5	5-20	20-60	60,etc.	Total.	
All Causes . . .	555	143	416	314	1428	792	185	472	248	1697	525	177	409	225	1336	140	47	197	203	587	30178
Specified Causes . .	544	143	415	314	1416	748	179	465	248	1640	523	177	407	225	1332	137	47	195	203	582	29917
Diseases :—																					
I. Zymotic Class .	195	29	54	16	294	250	49	38	13	350	216	114	142	18	490	37	15	31	14	97	7419
II. Dropsy, Cancer, and others of uncertain seat .	3	3	32	29	67	4	5	26	13	48	2	4	16	15	37	1	1	10	6	18	926
III. Tubercular Class	90	63	109	1	263	105	50	132	2	289	67	26	68	2	163	19	17	57	4	97	5141
IV. Of Brain, etc. .	31	9	43	54	137	36	18	51	38	143	35	5	29	38	107	7	2	17	29	55	2583
V. Of Heart, etc. .	1	3	23	19	46	1	4	50	29	84	–	4	37	17	58	–	–	16	28	44	1389
VI. Of Resp. Organs .	91	14	59	49	213	154	12	51	39	256	81	11	42	40	174	24	5	16	35	80	5489
VII. Of Digest. Organs	49	8	36	18	111	63	10	24	13	110	24	3	23	15	65	13	1	17	12	43	1952
VIII. Of Kidneys, etc. .	1	2	10	5	18	2	2	10	8	22	1	2	7	7	17	–	–	7	3	10	489
IX. Of Uterus, etc. .	–	–	14	1	15	–	–	10	2	12	–	–	10	1	11	–	–	1	1	2	200
X. Of Joints, Bones, etc.	–	2	4	3	9	3	2	5	2	12	–	2	4	–	6	–	1	1	–	2	188
XI. Of Skin, etc. . .	–	–	–	1	1	6	–	1	–	7	–	–	1	–	1	–	–	–	1	1	28
XII. Malformations .	1	1	–	–	2	3	–	–	–	3	5	–	–	–	5	1	–	–	–	1	79
XIII. Debility from Premature Birth .	69	–	–	–	69	97	–	–	–	97	76	–	–	–	76	33	–	–	–	33	1407
XIV. Atrophy . .	5	2	8	–	15	10	5	7	–	22	2	1	3	–	6	1	–	7	–	8	204
XV. Age	–	–	–	114	114	–	–	–	81	81	–	–	–	64	64	–	–	–	64	64	1211
XVI. Sudden . .	2	–	1	1	4	1	1	4	2	8	2	–	–	–	2	–	–	–	1	1	99
XVII. Violence, Privation, etc. .	6	7	22	3	38	13	21	56	6	96	12	5	25	8	50	1	5	15	5	26	1083
I. Small-pox . .	2	5	2	–	9	3	5	1	–	9	53	62	103	4	222	1	4	10	1	16	1537
Measles . .	29	1	–	–	30	6	–	–	–	6	13	1	–	–	14	–	–	–	–	–	356
Scarlatina . .	9	3	–	1	13	30	12	–	–	42	56	28	3	–	87	5	–	1	–	6	934
Diphtheria . .	12	1	–	–	13	19	2	–	–	21	5	2	–	–	7	2	1	2	1	6	412
Hooping-Cough .	90	4	–	–	94	107	3	–	–	110	27	1	–	–	28	1	–	–	–	1	1590
Croup . . .	23	4	–	–	27	41	4	–	–	45	31	1	1	–	33	7	1	–	–	8	456
Thrush . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	15
Diarrhœa . .	18	–	4	7	29	24	2	7	6	39	16	–	1	3	20	14	1	2	5	22	705
Dysentery . .	–	–	–	2	2	2	–	3	2	7	–	–	–	2	2	2	–	–	1	3	50
Cholera . .	–	–	–	–	–	5	–	–	1	6	–	1	–	–	1	1	–	–	–	1	33
Influenza . .	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	33
Purpura; Scurvy	–	–	–	–	–	–	1	–	1	2	–	1	–	–	1	–	–	–	–	–	17
Ague . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Worms . . .	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5
Typhus Fever .	2	5	26	4	37	1	4	14	1	20	1	4	15	1	21	–	3	11	3	17	423
Enteric Fever .	2	1	10	1	14	1	14	3	1	19	6	10	5	3	24	–	4	1	1	6	398
Relapsing Fever .	–	2	1	–	3	–	–	–	–	–	–	1	1	–	2	1	1	–	–	2	70
Simple Cont. Fever	–	–	–	–	–	1	–	2	–	3	–	–	–	–	–	–	–	–	–	–	12
Infant. Rem. Fever	6	–	–	–	6	–	–	–	–	–	1	1	–	–	2	–	–	–	–	–	48
Metria . . .	–	–	7	–	7	–	–	4	–	4	–	–	2	–	2	–	–	3	–	3	86
Rheumatic Fever .	–	1	1	–	2	–	1	1	–	2	–	1	2	–	3	–	–	–	–	–	36
Erysipelas . .	1	–	2	1	4	4	–	2	1	7	4	–	8	5	17	–	–	1	2	3	119
Pyæmia . . .	–	–	1	–	1	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	13
Syphilis . .	1	–	–	–	1	5	–	–	–	5	3	–	–	–	3	2	–	–	–	2	92
Noma . . .	–	1	–	–	1	1	–	1	–	2	–	–	–	–	–	–	–	–	–	–	8
Hydrophobia .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Hæmorrhage .	–	–	1	–	1	–	–	2	1	3	–	–	1	–	1	–	–	1	1	2	30
Dropsy . . .	2	2	12	15	31	1	5	8	5	19	–	3	7	5	15	–	–	2	1	3	299
Abscess . .	1	–	3	1	5	2	–	1	–	3	–	1	1	–	2	–	–	–	–	–	69
Ulcer . . .	–	–	–	–	–	–	–	1	–	1	1	–	–	4	5	–	–	–	–	–	21
Fistula . . .	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	1	–	1	9
Mortification .	–	1	–	2	3	1	–	2	1	4	–	–	–	2	2	–	–	1	1	2	50
Cancer . . .	–	–	16	11	27	–	–	12	6	18	1	–	6	4	11	1	1	5	3	10	445
Gout . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
III. Scrofula . .	2	4	–	–	6	12	3	2	–	17	2	1	1	–	4	2	1	3	–	6	253
Tabes Mesenterica	20	11	–	–	31	6	3	1	–	10	11	3	–	–	14	4	1	–	–	5	417
Phthisis . .	27	41	109	1	178	30	40	129	2	201	3	17	67	2	89	1	13	54	4	72	3570
Hydrocephalus .	41	7	–	–	48	57	4	–	–	61	51	5	–	–	56	12	2	–	–	14	901

DEATHS from all Causes at Four Periods of Life Year 1872.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60 etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
IV. Cephalitis	104	42	18	3	167	33	9	14	3	59	14	3	2	1	20	5	6	–	–	11
Apoplexy	42	13	86	83	224	11	5	45	55	116	12	2	21	23	58	2	–	11	18	31
Paralysis	2	3	91	166	262	1	3	31	120	155	3	–	36	39	78	1	1	11	37	50
Delirium Tremens	–	–	8	–	8	–	–	5	–	5	–	–	3	–	3	–	–	3	–	3
Chorea	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Epilepsy	2	2	21	3	28	2	2	8	3	15	–	–	5	1	6	1	2	4	2	9
Tetanus	3	1	2	–	6	3	–	–	1	4	–	–	2	–	2	–	1	–	–	1
Insanity	1	–	1	–	2	–	–	1	3	4	–	–	2	1	3	1	–	1	3	5
Convulsions	242	6	1	–	249	77	3	–	–	80	71	2	1	–	74	43	–	1	–	44
Dis. of Brain, etc.	57	40	61	33	191	19	13	35	30	97	2	–	16	6	24	9	6	14	17	46
V. Pericarditis	2	1	9	–	12	1	–	4	–	5	1	–	–	–	1	–	1	1	–	2
Aneurism	–	–	12	3	15	–	–	12	7	19	–	–	–	–	–	–	–	3	1	4
Dis. of Heart, etc.	9	32	280	152	473	4	16	166	145	331	6	8	101	62	177	1	7	56	54	118
VI. Laryngitis	29	–	6	–	35	2	1	6	–	9	3	4	–	–	7	4	2	1	–	7
Bronchitis	1110	87	530	401	2128	232	9	80	154	475	310	12	78	104	504	107	10	31	89	237
Pleurisy	4	1	19	4	28	1	3	9	8	21	–	–	4	2	6	–	2	2	2	6
Pneumonia	301	59	221	65	646	65	17	75	30	187	56	17	49	21	143	19	2	19	7	47
Asthma	–	–	40	20	60	–	–	10	11	21	–	–	7	6	1	–	1	5	9	15
Dis. of Lungs, etc.	19	9	70	14	112	11	3	17	13	44	–	–	3	–	3	–	–	8	4	12
VII. Teething	241	–	–	–	241	44	–	–	–	44	37	–	–	–	37	32	–	–	–	32
Quinsey	2	6	3	–	11	1	1	–	–	2	1	–	2	1	4	2	–	–	1	3
Gastritis	1	3	13	3	34	2	–	1	4	7	1	–	3	–	4	–	–	4	1	5
Enteritis	158	20	36	7	221	25	7	8	6	46	19	1	2	2	24	4	1	3	1	9
Peritonitis	2	6	22	1	31	2	–	13	6	21	–	–	5	2	7	1	2	1	1	5
Ascites	1	2	8	–	11	–	–	–	–	–	1	1	3	1	6	–	1	2	1	4
Ulcer. of Intest.	1	–	5	4	10	–	–	8	5	13	–	–	4	1	5	–	1	4	2	7
Hernia	2	1	15	6	24	1	–	4	2	7	–	–	4	1	5	–	–	–	1	1
Ileus	16	7	14	12	49	6	2	5	2	15	3	3	4	2	12	–	2	3	9	14
Intussusception	1	–	–	–	1	3	3	–	1	7	2	–	1	–	3	–	–	–	–	–
Strict. of Intest.	–	–	1	–	1	–	–	–	2	2	–	–	–	1	1	–	–	–	–	–
Dis. of Stomach	80	10	57	32	179	23	3	21	20	67	3	1	6	5	15	4	1	4	13	22
Dis. of Pancreas	–	–	–	–	–	–	–	1	–	1	–	–	1	–	1	–	–	1	–	1
Hepatitis	3	1	11	6	21	–	1	1	1	3	–	1	3	1	5	1	–	1	2	4
Jaundice	15	1	8	9	33	10	–	5	4	19	4	–	4	1	9	3	–	1	3	7
Dis. of Liver	7	9	93	39	148	4	2	35	18	59	2	–	8	10	20	2	–	7	4	13
Dis. of Spleen	–	–	4	1	5	–	1	–	–	1	–	1	2	–	3	–	1	–	–	1
VIII. Nephritis	10	3	9	5	27	2	–	1	2	5	1	–	–	1	2	–	–	–	1	1
Nephria	2	6	31	2	41	1	8	27	8	44	2	1	10	1	14	1	–	8	6	15
Addison's Disease	–	–	2	–	2	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Ischuria	3	2	6	5	16	–	–	3	1	4	–	–	1	–	1	–	–	1	3	4
Diabetes	2	1	6	3	12	–	–	4	1	5	–	–	1	–	1	–	1	2	2	5
Stone	1	1	3	1	6	–	–	6	4	10	–	–	–	–	–	–	–	3	1	4
Cystitis	–	1	6	3	10	–	–	–	3	3	–	1	3	–	4	–	–	2	1	3
Strict. of Urethra	–	–	4	1	5	–	–	–	1	1	–	–	1	–	1	–	–	–	–	–
Dis. of Kidneys	5	10	51	20	86	7	3	19	18	47	–	1	3	8	12	1	2	12	15	30
IX. Paramenia	–	2	1	–	3	–	–	1	–	1	–	–	1	–	1	–	1	–	–	1
Ovarian Dropsy	–	–	9	2	11	–	–	6	–	6	–	–	1	–	1	–	–	3	–	3
Childbirth	–	3	73	–	76	–	–	25	–	25	–	1	6	–	7	–	–	5	–	5
Dis. of Uterus	1	–	3	2	6	–	–	4	3	7	–	1	–	1	2	–	–	2	3	5
X. Arthritis	–	3	2	–	5	1	5	2	1	9	–	2	1	1	4	–	–	–	–	–
Rheumatism	–	4	16	9	29	–	1	7	3	11	–	–	–	–	–	–	1	3	4	8
Dis. of Joints, etc.	3	21	17	1	42	1	14	9	2	26	–	6	7	–	13	–	7	3	2	12
XI. Carbuncle	–	–	2	–	2	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Phlegmon	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Disease of Skin	7	–	–	–	7	1	1	–	–	2	2	1	–	–	3	–	–	2	–	2
XVII. Intemperance	–	2	40	5	47	–	1	11	3	15	–	1	14	–	15	–	–	3	–	3
Privation of Food	1	–	1	–	2	–	–	–	–	–	–	–	1	–	1	2	–	1	–	3
Wt. Breast-milk	26	–	–	–	26	8	–	–	–	8	3	–	–	–	3	1	–	–	–	1
Neglect	–	–	–	–	–	1	–	–	–	1	1	–	–	–	1	–	–	–	–	–
Cold	1	–	1	–	2	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Poison	3	1	9	1	14	–	–	4	1	5	1	–	–	–	1	–	–	–	–	–
Poisoned Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Burns and Scalds	40	9	13	2	64	5	2	2	4	13	4	7	1	–	12	4	1	–	–	5
Hanging, etc.	–	–	5	2	7	–	–	1	–	1	–	–	–	–	–	–	–	2	1	3
Suffocation	17	1	5	1	24	12	–	1	–	13	9	–	–	1	10	4	–	–	–	4
Drowning	5	19	53	7	84	–	–	4	2	6	2	5	13	2	22	–	4	8	2	14
Fractures	16	53	140	28	237	3	9	59	20	91	–	5	14	6	25	–	–	11	2	13
Gunshot Wounds	–	–	–	–	–	–	–	2	–	2	–	–	1	–	1	–	–	1	–	1
Cuts and Stabs	–	1	6	2	9	–	–	4	–	4	–	–	1	–	1	–	–	1	–	1
Other Vio. Causes	7	4	14	6	31	3	1	6	1	11	1	–	2	1	4	6	–	4	1	11
Not specified	86	7	40	2	135	7	1	7	1	16	10	2	5	–	17	10	1	4	–	15

Year 1872.

CAUSES OF DEATH.	PAISLEY.					GREENOCK.					LEITH.					PERTH.					Grand Total
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	
IV. Cephalitis	2	4	1	–	7	10	7	6	–	23	4	–	1	1	6	3	2	1	–	6	299
Apoplexy	13	1	10	10	34	4	2	16	12	34	3	–	7	10	20	1	–	5	8	14	531
Paralysis	1	–	18	40	59	–	–	16	22	38	–	1	12	26	39	–	–	4	17	21	702
Delirium Tremens	–	–	1	–	1	–	–	2	–	2	–	–	1	–	1	–	–	1	–	1	24
Chorea	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Epilepsy	–	–	4	1	5	–	–	3	2	5	–	–	2	–	2	–	–	1	–	1	71
Tetanus	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	14
Insanity	–	–	–	–	–	–	1	3	–	4	–	–	–	–	–	–	–	–	–	–	18
Convulsions	15	1	1	1	18	14	1	–	–	15	25	2	–	–	27	2	–	–	–	2	509
Dis. of Brain, etc.	–	2	8	2	12	7	7	5	2	21	3	2	6	1	12	1	–	5	4	10	413
V. Pericarditis	–	1	–	–	1	1	1	–	1	3	–	1	1	–	2	–	–	–	–	–	26
Aneurism	–	–	1	1	2	–	–	3	–	3	–	–	–	2	2	–	–	1	–	1	46
Dis. of Heart, etc.	1	2	22	18	43	–	3	47	28	78	–	3	36	15	54	–	–	15	28	43	1317
VI. Laryngitis	2	1	1	–	4	1	–	1	–	2	–	–	1	–	1	–	1	–	–	1	66
Bronchitis	77	7	40	40	164	123	3	25	33	184	57	7	24	30	118	21	2	4	26	53	3863
Pleurisy	–	1	–	–	1	2	–	2	–	4	–	–	1	2	3	–	–	3	–	3	72
Pneumonia	11	5	14	6	36	27	8	20	3	58	21	4	10	3	38	3	2	7	5	17	1172
Asthma	–	–	4	2	6	–	–	2	3	5	–	–	2	4	6	–	–	2	4	6	132
Dis. of Lungs, etc.	1	–	–	1	2	1	1	1	–	3	3	–	4	1	8	–	–	–	–	–	184
VII. Teething	28	–	–	–	28	37	–	–	–	37	13	–	–	–	13	9	–	–	–	9	441
Quinsey	1	–	1	–	2	2	1	–	–	3	–	–	–	–	–	–	1	–	–	1	26
Gastritis	1	–	2	–	3	–	1	3	–	4	–	–	–	–	–	–	–	–	–	–	57
Enteritis	16	5	7	3	31	17	3	3	1	24	3	1	2	1	7	–	–	1	–	1	363
Peritonitis	–	1	2	–	3	1	3	5	1	10	1	–	4	1	6	–	–	2	–	2	85
Ascites	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	23
Ulcer. of Intest.	–	1	1	–	2	–	–	1	–	1	1	–	–	–	1	–	–	–	–	–	39
Hernia	–	–	1	–	1	–	–	–	1	1	–	–	3	2	5	–	–	–	1	1	45
Ileus	–	–	–	1	1	–	–	–	–	–	1	–	–	–	1	–	–	3	1	4	96
Intussusception	–	–	–	–	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	12
Strict. of Intest.	–	–	2	–	2	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	7
Dis. of Stomach	1	–	5	5	11	3	1	5	5	14	4	1	5	6	16	2	–	1	6	9	333
Dis. of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Hepatitis	–	1	3	3	7	–	–	–	1	1	–	–	1	–	1	–	–	1	1	2	44
Jaundice	2	–	2	2	6	2	–	2	2	6	1	–	–	–	1	2	–	1	–	3	84
Dis. of Liver	–	–	8	4	12	1	1	3	2	7	–	–	8	5	13	–	–	8	2	10	282
Dis. of Spleen	–	–	1	–	1	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	12
VIII. Nephritis	–	1	–	–	1	–	–	–	–	–	1	–	2	1	4	–	–	–	–	–	40
Nephria	1	–	3	–	4	–	1	3	–	4	–	1	1	–	2	–	–	3	–	3	127
Addison's Disease	–	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–	–	6
Ischuria	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	26
Diabetes	–	–	1	–	1	–	–	1	1	2	–	–	1	1	2	–	–	1	–	1	29
Stone	–	1	–	–	1	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	23
Cystitis	–	–	1	1	2	–	–	1	1	2	–	–	–	–	–	–	–	2	1	3	27
Strict. of Urethra	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	9
Dis. of Kidneys	–	–	5	3	8	2	1	2	2	7	–	1	3	5	9	–	–	1	2	3	202
IX. Paramenia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	7
Ovarian Dropsy	–	–	–	1	1	–	–	3	1	4	–	–	1	–	1	–	–	–	1	1	28
Childbirth	–	–	12	–	12	–	–	6	–	6	–	–	9	–	9	–	–	–	–	–	140
Dis. of Uterus	–	–	2	–	2	–	–	1	1	2	–	–	–	1	1	–	–	–	–	–	25
X. Arthritis	–	1	1	–	2	–	–	–	–	–	–	1	–	–	1	–	1	–	–	1	22
Rheumatism	–	–	1	2	3	–	–	4	1	5	–	–	2	–	2	–	–	–	–	–	58
Dis. of Joints, etc.	–	1	2	1	4	3	2	1	1	7	–	1	2	–	3	–	–	1	–	1	108
XI. Carbuncle	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	4
Phlegmon	–	–	–	–	–	2	–	–	–	2	–	–	–	–	–	–	–	–	–	–	3
Disease of Skin	–	–	–	1	1	4	–	–	–	4	–	–	1	–	1	–	–	–	1	1	21
XVII. Intemperance	–	–	1	–	1	–	–	4	1	5	–	–	1	–	1	–	–	1	–	1	88
Privation of Food	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
Wt. Breast-milk	2	–	–	–	2	3	–	–	–	3	3	–	–	–	3	–	–	–	–	–	46
Neglect	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Cold	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	4
Poison	–	–	–	–	–	–	2	–	–	2	–	–	–	–	–	–	–	–	–	–	22
Poisoned Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Burns and Scalds	–	1	1	1	3	4	1	2	–	7	3	–	–	1	4	–	–	–	1	1	109
Hanging, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	2	13
Suffocation	2	–	3	–	5	6	–	–	–	6	3	–	–	1	4	–	–	–	–	–	66
Drowning	–	3	4	–	7	–	2	19	–	21	2	1	11	2	16	–	2	3	2	7	177
Fractures	2	3	12	2	19	–	11	26	3	40	1	3	9	3	16	1	2	8	1	12	453
Gunshot Wounds	–	–	1	–	1	–	–	–	–	–	–	–	1	–	1	–	–	1	–	1	7
Cuts and Stabs	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	1	1	17
Other Vio. Causes	–	–	–	–	–	–	5	5	–	10	–	1	3	1	5	–	–	1	–	1	73
Not specified	11	–	1	–	12	44	6	7	–	57	2	–	2	–	4	3	–	2	–	5	261

VI.—DEATHS from all Causes in the Eight Principal Towns

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total
All Causes	3174	2780	2662	2774	2609	2209	2301	2236	2107	2391	2322	2613	30178
Specified Causes	3151	2753	2634	2756	2585	2188	2283	2215	2088	2368	2304	2592	29917
Diseases:—													
I. Zymotic Class	1039	862	735	694	595	471	475	548	568	528	456	478	7449
II. Dropsy, Cancer, and others of uncertain seat	79	81	93	73	83	67	81	85	62	69	81	72	926
III. Tubercular Class	444	436	469	475	512	460	485	426	362	345	373	354	5141
IV. Of Brain, Nerves, etc.	241	222	193	272	229	177	210	190	192	228	199	230	2583
V. Of Heart, etc.	114	112	119	133	117	118	93	105	100	118	130	130	1389
VI. Of Respiratory Organs	600	474	476	513	469	390	338	273	295	503	497	661	5489
VII. Of Digestive Organs	165	176	135	180	133	167	154	194	156	167	159	166	1952
VIII. Of Kidneys, etc.	36	43	39	43	46	31	54	45	35	42	39	36	489
IX. Of Uterus, viz. Puerperal Disease, etc.	24	25	16	21	24	13	10	16	16	7	12	16	200
X. Of Joints, Bones, viz. Rheumatism, etc.	13	13	19	7	16	15	18	13	17	20	17	20	188
XI. Of Skin, etc.	4	3	2	2	1	1	5	3	–	2	3	2	28
XII. Malformations	8	4	8	5	9	5	8	3	2	5	12	10	79
XIII. Debility from Premature Birth, etc.	126	109	107	123	146	88	119	120	108	110	110	141	1407
XIV. Atrophy	18	14	24	17	22	13	21	22	8	12	16	17	204
XV. Age	112	99	101	108	93	88	88	91	69	103	108	151	1211
XVI. Sudden	11	5	9	5	12	8	13	3	7	9	8	9	99
XVII. Violence, Privation, etc.	117	75	89	85	78	76	111	78	91	100	84	99	1083
I. Small-pox	461	319	244	186	149	64	35	23	8	16	12	20	1537
Measles	50	25	15	31	28	31	38	30	27	15	28	38	356
Scarlatina	94	80	72	65	58	60	51	77	88	113	93	83	934
Diphtheria	45	27	26	18	23	22	20	19	38	65	57	52	412
Hooping-cough	160	198	191	182	185	139	124	106	87	86	60	72	1590
Croup	35	28	31	31	28	17	25	37	47	55	56	66	456
Thrush	4	1	3	1	2	1	1	1	1	–	–	–	15
Diarrhœa	25	44	30	35	26	47	83	138	117	58	31	41	705
Dysentry	3	1	2	5	3	–	7	7	8	7	5	2	50
Cholera	2	–	–	–	1	1	7	8	13	1	–	–	33
Influenza	1	4	7	2	2	–	2	3	3	3	3	3	33
Purpura	4	4	–	–	1	1	–	–	4	1	1	1	17
Ague	–	–	–	–	–	–	–	–	–	1	–	–	1
Worms	1	–	–	–	2	–	1	–	1	–	–	–	5
Typhus Fever	54	44	35	61	37	30	27	24	24	27	39	21	423
Enteric Fever	38	27	37	29	18	21	24	41	43	48	32	40	398
Relapsing Fever	17	16	7	4	6	4	3	2	5	2	3	1	70
Simple Continued Fever	1	1	1	3	–	1	2	1	–	–	1	1	12
Infantile Remitt. Fever	9	6	1	2	5	3	3	2	1	7	3	6	48
Metria	10	14	12	12	2	4	3	4	5	7	6	7	86
Rheumatic Fever	4	3	4	2	2	2	4	4	1	–	5	5	36
Erysipelas	17	10	7	14	9	11	7	10	8	7	8	11	119
Pyæmia	1	1	3	–	1	1	–	–	2	1	2	1	13
Syphilis	3	9	6	9	7	11	7	10	6	7	11	6	92
Noma (or Canker)	–	–	1	2	–	–	1	1	1	1	–	1	8
Hydrophobia	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Hæmorrhage	4	4	3	3	1	3	5	3	2	1	1	–	30
Dropsy	15	29	35	23	25	24	28	23	15	29	30	23	299
Abscess	9	8	10	4	6	2	8	5	4	6	5	2	69
Ulcer	2	2	2	3	–	1	–	2	–	3	2	4	21
Fistula	1	3	–	–	–	1	–	–	1	–	1	2	9
Mortification	4	5	6	4	7	6	3	5	1	2	2	5	50
Cancer	44	30	36	36	43	30	37	47	39	28	39	36	445
Gout	–	–	1	–	1	–	–	–	–	–	1	–	3
III. Scrofula	26	17	27	13	24	25	21	20	22	15	23	20	253
Tabes Mesenterica	43	44	37	32	39	28	42	40	33	32	28	19	417
Phthisis	300	299	323	340	366	312	338	290	244	236	263	259	3570
Hydrocephalus	75	76	82	90	83	95	84	76	63	62	59	56	901

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
IV. Cephalitis	17	20	24	34	31	26	24	22	19	21	26	35	299
Apoplexy	59	37	39	47	48	43	49	36	44	54	32	43	531
Paralysis	74	71	45	68	61	37	45	56	51	66	60	68	702
Delirium Tremens	4	1	1	3	1	2	–	4	3	2	1	2	24
Chorea	1	–	–	–	–	–	–	–	–	–	1	–	2
Epilepsy	7	7	9	8	4	2	6	4	7	8	3	6	71
Tetanus	2	2	–	2	4	1	–	–	1	–	1	1	14
Insanity	4	–	2	2	–	1	–	1	2	3	2	1	18
Convulsions	37	50	38	62	46	37	54	30	32	40	41	42	509
Disease of Brain, etc.	36	34	35	46	34	28	32	37	33	34	32	32	413
V. Pericarditis	1	1	1	5	1	3	3	3	3	1	2	2	26
Aneurism	4	3	–	9	2	4	4	3	2	5	7	3	46
Disease of Heart, etc.	109	108	118	119	114	111	86	99	95	112	121	125	1317
VI. Laryngitis	10	7	6	5	4	2	5	1	6	8	8	4	66
Bronchitis	430	342	360	358	324	275	229	177	213	349	335	471	3863
Pleurisy	10	6	6	8	10	5	7	2	2	4	6	6	72
Pneumonia	124	97	74	117	103	82	76	72	60	115	118	134	1172
Asthma	15	12	15	12	10	1	9	3	2	12	14	27	132
Disease of Lungs	11	10	15	13	18	25	12	18	12	15	16	19	184
VII. Teething	34	47	38	37	25	44	39	49	31	37	29	31	441
Quinsey	2	2	2	2	3	1	2	4	–	3	1	4	26
Gastritis	6	4	5	–	4	3	9	6	7	2	7	4	57
Enteritis	22	29	20	32	27	28	37	42	40	32	23	31	363
Peritonitis	4	5	5	5	10	10	6	5	9	12	4	10	85
Ascites	–	–	2	2	3	3	2	1	2	3	2	3	23
Ulceration (of Intest.)	7	2	3	6	3	1	2	3	1	1	3	7	39
Hernia	3	3	3	6	3	4	3	3	6	3	6	2	45
Ileus	12	12	5	9	6	12	1	8	5	4	10	12	96
Intussception	4	3	–	2	–	3	–	–	–	–	–	–	12
Stricture of Intest. Canal	–	–	1	2	–	2	–	–	–	–	–	2	7
Disease of Stomach	26	31	15	37	22	17	25	39	26	24	43	28	333
Disease of Pancreas	1	–	–	–	–	1	–	–	1	–	–	–	3
Hepatitis	6	4	6	2	4	4	1	2	2	7	3	3	44
Jaundice	5	7	8	9	8	3	4	8	7	8	8	9	84
Disease of Liver	32	26	22	29	14	28	22	22	18	31	19	19	282
Disease of Spleen	1	1	–	–	1	3	1	2	1	–	1	1	12
VIII. Nephritis	3	2	3	1	1	5	5	3	6	2	7	2	40
Nephria	9	12	7	15	13	6	18	14	4	12	9	8	127
Addison's Disease	1	–	1	–	1	1	–	–	–	1	–	1	6
Ischuria	2	1	2	2	–	–	2	6	2	–	5	4	26
Diabetes	1	4	1	2	3	2	2	5	3	3	2	1	29
Stone	4	2	2	1	2	3	6	3	–	–	–	–	23
Cystitis	2	–	2	5	5	3	3	1	2	2	2	–	27
Stricture of Urethra	–	–	1	2	–	–	2	1	–	2	–	1	9
Disease of Kidneys	14	22	20	15	21	11	16	12	18	20	14	19	202
IX. Paramenia	2	–	1	1	1	–	–	–	–	–	1	1	7
Ovarian Dropsy	4	4	2	1	5	2	2	2	3	1	–	2	28
Childbirth	15	17	10	17	15	9	7	13	10	6	10	11	140
Disease of Uterus	3	4	3	2	3	2	1	1	3	–	1	2	25
X. Bone Diseases	1	3	2	–	1	2	5	1	2	2	3	–	22
Rheumatism	2	5	7	3	5	4	7	4	2	9	5	5	58
Disease of Joints, etc.	10	5	10	4	10	9	6	8	13	9	9	15	108
XI. Carbuncle	–	1	–	–	1	–	1	1	–	–	–	–	4
Phlegmon	1	–	–	–	–	–	1	–	–	–	1	–	3
Disease of Skin	3	2	2	2	–	1	3	2	–	2	2	2	21
XVII. Intemperance	10	5	5	8	6	4	9	4	8	11	9	9	88
Privation of Food	–	1	–	1	–	–	1	–	1	1	1	–	6
Want of Breast-milk	1	1	5	6	1	7	8	5	8	–	3	1	46
Neglect	1	–	–	–	–	–	–	–	1	–	–	–	2
Cold	1	1	–	1	–	–	–	–	1	–	–	–	4
Poison	1	2	1	–	2	3	2	1	6	1	1	2	22
Poisoned Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–
Burns and Scalds	17	11	14	9	5	4	7	6	5	10	7	14	109
Hanging, etc.	–	2	1	1	–	1	–	1	1	2	3	1	13
Suffocation	5	2	5	5	9	6	7	5	7	7	4	4	66
Drowning	17	11	12	10	13	14	15	17	17	20	12	19	177
Fractures	49	33	38	38	36	33	53	32	30	34	35	42	453
Gunshot Wounds	–	1	1	–	–	–	1	1	1	1	–	1	7
Cuts and Stabs	3	1	2	1	1	1	–	2	1	2	2	1	17
Other Violent Causes	12	4	5	5	5	3	8	4	4	11	7	5	73
Causes not specified	23	27	28	18	24	21	18	21	19	23	18	21	261

VII.—BIRTHS IN THE EIGHT TOWNS—1872.

	MALE BIRTHS.												Total Male Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	919	791	874	944	908	795	887	764	803	896	858	863	10302
Edinburgh,	363	276	293	312	306	319	314	242	227	282	248	294	3476
Dundee,	203	194	182	225	209	178	171	181	168	208	215	187	2321
Aberdeen,	152	128	106	123	147	121	146	135	141	148	125	145	1617
Paisley,	71	68	74	88	83	71	89	63	67	54	72	76	876
Greenock,	131	92	116	146	118	104	141	119	113	129	120	113	1442
Leith,	88	83	70	94	81	83	77	69	89	72	65	92	963
Perth,	34	36	40	43	27	41	43	28	17	34	32	33	408
Total, 1872,	1961	1668	1755	1975	1879	1712	1868	1601	1625	1823	1735	1803	21405
Total, 1871,	1766	1606	1849	1680	1897	1791	1774	1722	1649	1802	1578	1650	20764
Total, 1870,	1755	1509	1881	1845	1934	1861	1659	1731	1680	1678	1604	1593	20728
Total, 1869,	1640	1486	1819	1787	1685	1756	1749	1601	1566	1661	1749	1706	20205
Total, 1868,	1702	1553	1794	1814	1796	1902	1728	1616	1588	1665	1513	1595	20266
Total, 1867,	1667	1494	1689	1866	1832	1691	1699	1578	1544	1698	1662	1619	20039
Total, 1866,	1692	1553	1737	1691	1796	1705	1696	1558	1522	1679	1533	1588	19750

	FEMALE BIRTHS.												Total Female Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	848	759	830	926	887	760	855	794	727	843	787	826	9842
Edinburgh,	305	220	252	288	291	287	254	247	223	268	244	297	3176
Dundee,	202	183	180	205	228	172	213	179	181	194	178	207	2322
Aberdeen,	130	111	122	129	140	119	103	121	111	119	118	144	1467
Paisley,	90	73	72	85	89	82	104	73	66	83	60	60	937
Greenock,	102	97	115	130	125	88	112	105	107	95	101	106	1283
Leith,	73	68	68	84	60	77	67	81	61	72	68	73	852
Perth,	26	21	31	30	37	31	40	32	37	38	26	26	375
Total, 1872,	1776	1532	1670	1877	1857	1616	1748	1632	1513	1712	1582	1739	20254
Total, 1871,	1745	1503	1764	1666	1837	1683	1624	1658	1523	1583	1537	1555	19678
Total, 1870,	1703	1436	1765	1746	1774	1730	1643	1624	1589	1577	1580	1586	19753
Total, 1869,	1651	1508	1755	1765	1612	1642	1638	1563	1478	1534	1513	1651	19310
Total, 1868,	1645	1450	1674	1692	1701	1834	1655	1527	1457	1544	1489	1579	19247
Total, 1867,	1636	1499	1554	1714	1707	1583	1704	1468	1466	1667	1488	1487	18973
Total, 1866,	1618	1475	1635	1638	1746	1641	1495	1484	1378	1630	1477	1585	18802

	BIRTHS—BOTH SEXES.												Total Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	1767	1550	1704	1870	1795	1555	1742	1558	1530	1739	1645	1689	20144
Edinburgh,	668	496	545	600	597	606	568	489	450	550	492	591	6652
Dundee,	405	377	362	430	437	350	384	360	349	402	393	394	4643
Aberdeen,	282	239	228	252	287	240	249	256	252	267	243	289	3084
Paisley,	161	141	146	173	172	153	193	136	133	137	132	136	1813
Greenock,	233	189	231	276	243	192	253	224	220	224	221	219	2725
Leith,	161	151	138	178	141	160	144	150	150	144	133	165	1815
Perth,	60	57	71	73	64	72	83	60	54	72	58	59	783
Total, 1872,	3737	3200	3425	3852	3736	3328	3616	3233	3138	3535	3317	3542	41659
Total, 1871,	3511	3109	3613	3346	3734	3474	3398	3380	3172	3385	3115	3205	40442
Total, 1870,	3456	2945	3646	3591	3708	3591	3302	3355	3269	3255	3184	3179	40481
Total, 1869,	3291	2994	3574	3552	3297	3398	3387	3164	3044	3195	3262	3357	39515
Total, 1868,	3347	3003	3468	3506	3497	3736	3383	3145	3045	3209	3002	3174	39513
Total, 1867,	3303	2993	3243	3580	3539	3274	3403	3046	3010	3365	3150	3106	39012
Total, 1866,	3310	3028	3372	3329	3542	3346	3191	3042	2900	3309	3010	3173	38552

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, ...	181	150	147	156	145	143	178	145	139	153	131	169	1837
Edinburgh, ...	62	40	43	51	51	44	36	37	45	42	40	66	557
Dundee, ...	57	41	20	45	43	44	42	47	40	45	48	41	513
Aberdeen, ...	29	30	23	19	31	33	39	32	36	30	17	32	351
Paisley, ...	20	12	9	7	16	9	11	11	6	15	15	9	140
Greenock, ...	11	10	14	12	11	12	16	13	14	13	15	15	156
Leith.	12	13	9	9	5	8	6	9	13	12	8	8	112
Perth.	6	8	4	3	7	3	8	7	1	6	2	7	62
Total, 1872, . . .	378	304	269	302	309	296	336	301	294	316	276	347	3728
Total, 1871, . . .	322	304	350	270	358	329	322	343	265	332	282	279	3756
Total, 1870, . . .	342	278	329	334	364	322	330	356	305	266	292	283	3801
Total, 1869, . . .	354	304	368	346	298	342	327	287	296	278	324	324	3848
Total, 1868, . . .	355	300	360	288	334	353	326	313	306	310	303	286	3834
Total, 1867, . . .	308	316	337	344	317	293	378	307	303	338	304	299	3844
Total, 1866, . . .	369	319	343	324	318	349	353	346	274	336	296	340	3967

IX.—MARRIAGES IN THE EIGHT TOWNS—1872.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, ...	677	295	256	391	224	653	697	287	354	329	483	475	5121
Edinburgh, ...	177	80	110	124	82	255	203	146	144	115	161	169	1766
Dundee, ...	173	58	58	73	73	203	72	58	65	64	117	125	1139
Aberdeen, . .	80	34	43	46	51	106	78	56	57	49	56	77	733
Paisley, ...	23	20	25	38	18	62	47	62	29	28	51	46	449
Greenock, . . .	75	35	29	38	17	62	71	46	31	31	56	44	535
Leith, ...	48	30	21	26	18	48	58	31	20	42	44	54	440
Perth, ...	20	12	11	11	8	26	23	16	11	11	25	22	196
Total, 1872, . . .	1273	564	553	747	491	1415	1249	702	711	669	993	1012	10,379
Total, 1871, . . .	1222	553	497	637	529	1332	1148	714	633	618	879	1030	9792
Total, 1870, . . .	1298	544	513	509	493	1347	1094	705	643	716	945	923	9730
Total, 1869, . . .	1134	520	550	567	456	1299	1046	687	587	646	942	727	9161
Total, 1868, . . .	1049	492	527	513	382	1269	943	612	578	575	859	807	8606
Total, 1867, . . .	1049	509	510	573	436	1219	1034	583	638	577	899	840	8867
Total, 1866, . . .	1168	599	501	641	462	1331	992	620	624	654	930	928	9450
Total, 1865, . . .	1197	570	462	473	498	1227	1094	649	603	656	945	946	9320
Total, 1864, . . .	1082	523	468	576	465	1172	983	711	559	615	846	884	8884
Total, 1863, . . .	995	492	506	544	407	1190	979	633	518	621	913	795	8593

	MALE DEATHS.												Total Male Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	683	602	620	669	649	572	534	566	538	564	561	604	7162
Edinburgh,	299	283	288	288	280	210	182	166	159	169	200	184	2708
Dundee,	219	146	109	121	117	104	133	124	129	145	138	168	1653
Aberdeen,	140	107	96	94	76	70	64	65	67	88	79	92	1038
Paisley,	62	59	50	75	64	47	74	61	52	61	47	76	728
Greenock,	89	60	70	85	66	62	68	68	72	85	75	61	861
Leith,	94	79	52	68	55	60	58	51	41	64	43	50	715
Perth,	21	24	26	22	25	22	35	26	20*	30	31	24	306
Total, 1872,	1607	1360	1311	1422	1332	1147	1148	1127	1078	1206	1174	1259	15171
Total, 1871,	1441	1223	1368	1231	1429	1299	1218	1233	1086	1186	1302	1478	15494
Total, 1870,	1497	1286	1371	1225	1133	1068	1025	1176	962	929	1148	1414	14234
Total, 1869,	1350	1240	1644	1380	1334	1355	1266	1118	1057	1091	1366	1547	15748
Total, 1868,	1192	1084	1215	1212	1155	1098	1224	1225	996	1163	1253	1321	14138
Total, 1867,	1351	1058	1209	1187	1226	1021	1072	909	990	993	1036	1182	13234
Total, 1866,	1261	1103	1301	1244	1248	1041	1095	982	905	1157	1170	1217	13724

	FEMALE DEATHS.												Total Female Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	641	634	629	605	592	519	552	537	459	554	529	634	6885
Edinburgh,	308	283	305	290	269	192	203	176	150	197	188	208	2769
Dundee,	232	178	120	122	122	113	141	133	157	167	160	189	1834
Aberdeen,	129	115	90	116	98	86	73	68	58	74	69	105	1081
Paisley,	65	54	49	57	66	55	61	55	70	44	61	63	700
Greenock,	80	64	76	80	66	52	57	61	70	83	82	65	836
Leith,	83	67	58	62	49	33	44	55	44	45	34	47	621
Perth,	29	25	24	20	15	12	22	24	21	21	25	43	281
Total, 1872,	1567	1420	1351	1352	1277	1062	1153	1109	1029	1185	1148	1354	15007
Total, 1871,	1509	1354	1395	1279	1371	1268	1220	1217	1068	1290	1309	1627	15907
Total, 1870,	1584	1343	1388	1176	1100	1043	1000	1192	949	1013	1106	1365	14259
Total, 1869,	1399	1266	1574	1348	1328	1331	1158	1126	1038	1097	1422	1615	15702
Total, 1868,	1231	1086	1194	1036	1093	1134	1134	1179	1069	1135	1221	1381	13893
Total, 1867,	1471	1140	1228	1160	1185	968	1082	946	911	976	1013	1197	13277
Total, 1866,	1267	1075	1323	1222	1270	1064	978	978	882	1140	1257	1268	13724

	DEATHS—BOTH SEXES.												Total Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	1324	1236	1249	1274	1241	1091	1086	1103	997	1118	1090	1238	14047
Edinburgh,	607	566	593	578	549	402	385	342	309	366	388	392	5477
Dundee,	451	324	229	243	239	217	274	257	286	312	298	357	3487
Aberdeen,	269	222	186	210	174	156	137	133	125	162	148	197	2119
Paisley,	127	113	99	132	130	102	135	116	122	105	108	139	1428
Greenock,	169	124	146	165	132	114	125	129	142	168	157	126	1697
Leith,	177	146	110	130	104	93	102	106	85	109	77	97	1336
Perth,	50	49	50	42	40	34	57	50	41	51	56	67	587
Total, 1872,	3174	2780	2662	2774	2609	2209	2301	2236	2107	2391	2322	2613	30178
Total, 1871,	2950	2577	2763	2510	2800	2567	2438	2450	2154	2476	2611	3105	31401
Total, 1870,	3081	2629	2759	2401	2233	2111	2025	2368	1911	1942	2254	2779	28493
Total, 1869,	2749	2506	3218	2728	2662	2686	2424	2244	2095	2188	2788	3162	31450
Total, 1868,	2423	2170	2409	2248	2248	2232	2358	2404	2065	2298	2474	2702	28031
Total, 1867,	2822	2198	2437	2347	2411	1989	2154	1855	1901	1969	2049	2379	26511
Total, 1866,	2528	2178	2624	2466	2518	2105	2073	1960	1787	2297	2427	2485	27448

XI.—ABSTRACT of the METEOROLOGY of the Eight Principal Towns of Scotland during the several Months of the Year 1872.

Mean Height above the Sea-level, 123 feet. Mean North Latitude, 56°·12′. Mean West Longitude, 3°·30′.

1872.	BAROMETER.		SELF-REGISTERING THERMOMETER. Mean of the Eight Towns.						HYGROMETER.		DEDUCTIONS from Glaisher's Tables, 2d Edit.				RAIN.		WINDS.									
																	Number of Days it blew in certain Directions.									Pressure on square foot.
	Mean at 32° and Sea-level.	Monthly Range.	Highest in Month.	Lowest in Month.	Mean Temperature.	Monthly Range.	Mean Daily Range.	Greatest Daily Range.	Dry Bulb, or Mean Temp. of Air.	Wet Bulb, or Temp. of Evaporation.	Dew-point Temperature.	Elastic Force of Vapour.	Wt. of Vapour in Cubic Foot of Air.	Humidity. Sat. 100.	Number of Days it fell.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
	inch.	inch.	°	°	°	°	°	°	°	°	°	inch.	grs.		days.	inch.										
JANUARY, . . .	29·396	1·724	51·9	28·3	39·8	23·6	8·8	15·3	39·6	38·7	37·6	·225	2·61	92	23	5·95	0	2	3	3	5	9	4	3	2	2·51
FEBRUARY, . .	29·688	1·015	53·2	29·4	41·5	23·8	8·7	15·2	40·7	39·7	38·4	·232	2·70	92	18	3·75	1	1	4	6	5	6	3	1	2	1·88
MARCH, . . .	29·729	1·099	59·0	25·2	42·1	33·9	10·1	20·6	41·0	39·6	37·7	·226	2·63	88	18	2·87	3	5	5	1	4	6	3	2	2	2·24
APRIL, . . .	29·883	1·049	62·2	31·8	45·5	30·4	12·4	25·2	44·7	42·5	39·9	·246	2·84	84	12	1·61	3	4	3	2	3	6	4	4	1	2·82
MAY, ...	29·850	1·362	64·6	32·6	47·8	32·0	12·9	22·3	47·3	45·0	42·5	·272	3·14	84	20	3·35	2	5	3	2	1	6	7	3	2	1·48
JUNE, ...	29·783	0·962	74·6	41·7	56·1	32·9	12·4	22·6	55·0	52·6	50·2	·364	4·09	84	23	5·41	1	1	4	2	4	6	9	2	1	1·05
JULY, ...	29·931	0·512	77·7	44·3	59·7	33·4	12·9	23·1	58·9	56·2	53·8	·414	4·62	83	15	4·20	1	4	8	2	3	4	6	2	1	1·27
AUGUST, . . .	29·944	0·857	70·2	43·9	56·8	26·3	11·0	19·6	56·2	54·1	52·1	·391	4·37	87	18	3·83	1	3	10	4	2	3	6	2	0	1·28
SEPTEMBER, . .	29·677	1·094	66·8	35·9	52·0	30·9	10·6	18·8	51·7	49·4	47·2	·325	3·68	85	21	6·85	1	2	4	1	1	5	8	7	1	1·82
OCTOBER, . . .	29·594	1·261	59·6	29·5	46·3	30·1	10·4	21·7	45·8	43·9	41·7	·264	3·02	86	21	4·25	1	2	3	2	3	7	7	6	0	1·80
NOVEMBER, . .	29·534	1·825	60·2	30·1	41·8	30·1	9·4	19·6	41·8	40·2	38·1	·231	2·66	88	20	6·15	2	3	5	3	3	7	5	2	0	2·08
DECEMBER, .	29·470	1·275	52·8	23·8	38·8	29·0	8·3	18·7	38·9	37·5	35·6	·209	2·45	89	19	5·02	1	2	5	5	5	5	5	3	0	2·10
YEAR,	29·707	1·170	62·7	33·0	47·3	29·7	10·7	20·2	46·8	44·9	42·9	·283	3·23	87	228	53·24	17	34	57	33	39	70	67	37	12	1·86

The absolute highest temperature, viz. 80°·8′, was noted at Leith in June; and the absolute lowest, viz. 18°·0′, at Perth in December.

NOTE.—The figures under each month are the mean results from the eight Stations, as published in the Monthly Returns.

XII.—BIRTHS, DEATHS, AND MARRIAGES, 1872.

VACCINATIONS, 1871.

No. of Division, &c.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
	SCOTLAND, - -	3,062,294	3,360,018	118873	75741	25580	101923	841	241	142	175	10280	2582	116184
	DIVISIONS.													
I.	NORTHERN, - - -	130,422	127,191	3268	1908	593	2626	137	10	0	7	164	173	3117
II.	NORTH-WESTERN, - -	167,242	166,351	4341	2759	801	3412	264	22	4	9	346	314	4371
III.	NORTH-EASTERN, - -	366,870	393,199	12901	7085	2458	11827	62	39	5	3	874	69	12879
IV.	EAST-MIDLAND, - -	523,822	559,676	18216	11828	4004	15907	48	50	72	59	1636	246	18018
V.	WEST-MIDLAND, - -	242,487	251,088	8233	5595	1545	7125	101	9	0	3	590	152	7980
VI.	SOUTH-WESTERN, - -	1,008,273	1,183,218	49372	31327	11265	40904	119	56	27	84	4551	1071	46812
VII.	SOUTH-EASTERN, - -	408,962	470,206	16030	11335	3628	14428	67	34	31	3	1577	466	16606
VIII.	SOUTHERN, - - -	214,216	209,089	6512	3904	1286	5694	43	21	3	7	542	91	6401
	COUNTIES.													
	I. NORTHERN DIVISION.													
1	Shetland, - - - -	31,670	31,608	818	469	122	591	37	2	0	0	42	106	778
2	Orkney, - - - -	32,395	31,274	829	435	171	697	15	4	0	7	35	4	762
3	Caithness, - - - -	42,200	41,011	1131	635	183	894	76	2	0	0	64	48	1084
4	Sutherland, - - -	24,157	23,298	490	369	117	444	9	2	0	0	23	15	493

	II. North-Western Division.													
5	Ross and Cromarty,	82,427	82,093	2085	1232	349	1804	149	13	0	2	149	82	2199
6	Inverness,	84,815	84,258	2256	1527	452	1608	115	9	4	7	197	232	2172
	III. North-Eastern Division.													
7	Nairn,	8,347	8,372	231	136	54	212	2	1	0	0	14	2	231
8	Elgin (or Moray),	44,305	44,549	1330	746	222	1153	15	12	0	1	98	14	1293
9	Banff,	56,020	58,883	1920	1009	345	1700	16	7	0	0	117	2	1842
10	Aberdeen,	223,417	246,298	8302	4599	1633	7742	24	14	3	2	591	45	8421
11	Kincardine,	34,781	35,097	1118	595	204	1020	5	5	2	0	54	6	1092
	IV. East-Midland Division.													
12	Forfar,	206,750	240,049	8477	5680	1961	7005	14	42	69	56	928	157	8271
13	Perth,	133,198	128,550	3503	2457	699	3299	14	3	0	3	202	36	3557
14	Fife,	155,021	160,924	5241	3091	1174	4694	20	4	2	0	427	51	5198
15	Kinross,	8,731	7,918	226	137	37	205	0	1	1	0	10	0	217
16	Clackmannan,	20,122	22,235	769	463	133	704	0	0	0	0	69	2	775
	V. West-Midland Division.													
17	Stirling,	88,138	93,345	3519	2244	690	3084	19	3	0	1	277	35	3419
18	Dumbarton,	54,179	61,116	2223	1459	422	1829	17	2	0	1	159	49	2057
19	Argyll,	83,859	79,661	2053	1494	333	1860	61	3	0	1	123	50	2098
20	Bute,	16,311	16,966	438	398	100	352	4	1	0	0	31	18	406
	VI. South-Western Division.													
21	Renfrew,	168,746	195,305	7796	5060	1716	6476	20	21	2	20	750	202	7491
22	Ayr,	199,083	200,908	7601	4353	1660	6853	24	4	3	6	600	69	7559
23	Lanark,	640,444	787,005	33975	21914	7889	27575	75	31	22	58	3201	800	31762
	VII. South-Eastern Division.													
24	Linlithgow,	39,045	41,379	1692	870	297	1549	6	2	0	0	164	48	1769
25	Edinburgh,	273,792	328,138	11276	8708	2757	9957	43	27	30	2	1163	385	11607
26	Haddington,	37,626	37,755	1124	714	234	1052	10	2	1	1	89	12	1167
27	Berwick,	36,488	36,382	1034	554	178	1022	5	2	0	0	72	13	1114
28	Peebles,	11,264	12,218	407	220	61	340	1	1	0	0	31	5	378
29	Selkirk,	10,747	14,334	497	269	101	508	2	0	0	0	58	3	571
	VIII. Southern Division.													
30	Roxburgh,	53,722	53,558	1807	949	360	1546	10	2	3	0	167	9	1737
31	Dumfries,	75,904	74,842	2323	1481	480	2061	15	7	0	7	188	41	2319
32	Kircudbright,	42,680	42,087	1222	773	237	1113	11	4	0	0	99	19	1246
33	Wigtown,	41,910	38,602	1160	701	209	974	7	8	0	0	88	22	1099

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	On the ground of Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
	I. NORTHERN DIVISION.													
	1. SHETLAND.													
1	Bressay, etc.—(1) Bressay,	915	902	26	19	1	22	1	0	0	0	4	0	27
	(2) Burra and Quarff,	890	952	27	11	4	20	0	0	0	0	0	0	20
2	Delting,	1975	1862	48	40	8	43	0	0	0	0	2	1	46
3	Dunrossness, etc.—(1) Dunrossness,	2113	1970	51	18	8	31	2	0	0	0	2	9	44
	(2) Sandwick & Cunningsburgh,	2337	2326	72	33	13	40	6	0	0	0	0	0	46
	(3) Fair Isle,	380	226	11	3	0	0	0	0	0	0	0	6	6
4	Fetlar, etc.—(1) Fetlar,	548	517	6	12	0	8	0	0	0	0	0	1	9
	(2) North Yell,	932	893	27	9	1	21	0	0	0	0	0	2	23
5	LERWICK,	3631	4180	108	74	30	82	3	1	0	0	11	3	100
6	Mid and South Yell,	1784	1843	41	37	7	3	0	0	0	0	1	38	42
7	Nesting, etc.—(1) Nesting,	855	868	22	13	12	34	1	0	0	0	0	0	35
	(2) Lunnasting,	880	822	22	14	1	12	8	0	0	0	1	1	22
	(3) Whalsay and Skerries	848	989	30	7	1	27	5	0	0	0	2	0	34
8	Northmavine,	2585	2602	57	38	6	47	0	0	0	0	1	8	56
9	Sandsting and Aithsting,	2670	2806	78	41	10	41	2	0	0	0	8	16	67
10	Tingwall, etc.—(1) Tingwall,	1554	1442	36	25	2	24	1	0	0	0	1	7	33
	(2) Whiteness and Weisdale,	1143	1049	30	17	4	27	0	0	0	0	4	0	31
11	Unst,	3060	2780	57	29	7	60	8	1	0	0	2	3	74
12	Walls, etc.—(1) Walls,	1365	1325	32	15	6	26	0	0	0	0	1	3	30
	(2) Sandness,	606	646	21	10	1	15	0	0	0	0	1	2	18
	(3) Papa-Stour,	366	351	12	4	0	8	0	0	0	0	1	1	10
	(4) Foula,	233	257	4	0	0	0	0	0	0	0	0	5	5
	2. ORKNEY.													
13	Birsay,	1774	1597	30	19	12	36	0	0	0	0	1	2	39
14	Deerness,	813	863	29	15	5	18	0	0	0	0	0	0	18
15	Eday and Pharay,	979	905	23	12	2	19	0	0	0	0	0	0	19
16	Evie and Rendall,	1408	1340	29	15	9	26	1	0	0	0	0	0	27
17	Firth and Stennes,	1493	1434	34	22	9	31	0	0	0	0	3	0	34
18	Harray,	819	727	10	8	7	15	1	0	0	0	0	0	16
19	Holm and Paplay,	834	935	31	5	9	24	1	0	0	0	0	0	25
20	Hoy and Græmsay,	556	581	20	9	4	11	1	0	0	0	2	0	14
21	KIRKWALL and St Ola,	4422	4261	103	67	23	95	2	0	0	0	7	1	105
22	North Ronaldshay,	532	539	20	4	4	12	0	0	0	6	0	0	18

23	Orphir,	1133	1040	27	18	6	19	1	0	0	0	2	0	22
24	Rousay and Egilsay,	1152	1101	24	15	6	33	0	0	0	0	1	0	34
25	St Andrews,	868	870	18	8	0	15	0	0	0	0	0	0	15
26	Sanday,	2145	2053	54	23	8	57	1	0	0	1	2	0	61
27	Sandwick,	1225	1153	31	10	6	16	1	0	0	0	1	0	18
28	Shapinshay,	973	949	23	11	3	17	1	0	0	0	2	0	20
29	South Ronaldshay and Burray,	3282	3228	118	32	20	82	2	1	0	0	2	0	87
30	Stromness,	2540	2403	59	60	9	50	0	0	0	0	1	1	52
31	Stronsay,	1228	1305	34	17	8	36	0	0	0	0	3	0	39
32	Walls, etc.—(1) Walls,	1254	1107	38	20	9	27	0	0	0	0	4	0	31
	(2) Flotta,	420	423	13	7	2	5	0	1	0	0	0	0	6
33	Westray, etc.—(1) Westray,	2153	2090	53	34	6	45	3	2	0	0	3	0	53
	(2) Papa-Westray,	392	370	8	4	4	8	0	0	0	0	1	0	9
	3. CAITHNESS.													
34	Bower,	1746	1700	42	20	6	23	1	0	0	0	1	0	25
35	Canisbay,	2730	2729	74	33	14	79	4	0	0	0	1	1	85
36	Dunnet,	1861	1661	27	19	6	44	2	0	0	0	0	0	46
37	Halkirk,	2864	2664	64	31	10	69	2	0	0	0	3	1	75
38	Latheron,	8571	7400	204	89	38	171	4	0	0	0	5	0	180
39	Olrig,	2059	2028	50	29	2	46	0	0	0	0	1	0	47
40	Reay,	2476	2331	54	37	5	37	8	0	0	0	1	0	46
41	THURSO,	5561	5754	162	96	31	150	11	1	0	0	11	3	176
42	Watten,	1491	1453	47	20	4	32	0	0	0	0	2	0	34
43	WICK,	12841	13291	407	261	67	243	44	1	0	0	39	43	370
	4. SUTHERLAND.													
44	Assynt—(1) Kirkton,	553	487	15	8	2	8	0	0	0	0	0	1	9
	(2) Stoer,	2625	2519	35	34	12	51	0	0	0	0	7	0	58
45	Clyne,	1886	1733	32	35	4	35	0	0	0	0	0	0	35
46	Creich—(1) Bonar,	1982	1854	38	30	12	27	0	0	0	0	1	1	29
	(2) Rosehall,	539	670	21	10	4	21	0	0	0	0	2	0	23
47	DORNOCH,	2885	2764	57	45	13	49	1	0	0	0	2	0	52
48	Durness,	1109	1049	25	16	6	15	3	0	0	0	1	0	19
49	Eddrachillis—(1) Scourie,	727	648	8	5	1	7	0	0	0	0	0	1	8
	(2) Kinlochbervie,	914	882	24	13	7	26	0	1	0	0	1	1	29
50	Farr—(1) Kirkton,	1251	1190	21	19	6	23	0	0	0	0	1	1	25
	(2) Strathy,	852	829	17	10	5	12	0	0	0	0	0	3	15
51	Golspie,	1615	1804	40	33	8	45	0	0	0	0	1	1	47
52	Kildonan,	2132	1916	45	37	14	36	5	1	0	0	2	1	45
53	Lairg,	961	978	33	13	9	17	0	0	0	0	1	0	18
54	Loth,	610	583	9	9	4	16	0	0	0	0	1	0	17
55	Rogart,	1439	1341	28	17	1	24	0	0	0	0	2	0	26
56	Tongue,	2077	2051	42	35	9	32	0	0	0	0	1	5	38
	II. NORTH-WESTERN DIVISION.													
	5. ROSS AND CROMARTY.													
	Mainland.													
57	Alness,	1178	1053	24	15	5	21	0	2	0	0	0	1	24

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.								
									Insusceptible of Vaccine Disease.						
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
	ROSS AND CROMARTY—*continued.*													
58	Applecross—(1) Applecross,	1064	1129	27	21	3	24	8	0	0	0	4	0	36
	(2) Shieldaig,	1480	1341	29	20	7	20	8	0	0	0	0	2	30
59	Avoch,	1788	1828	51	25	11	61	1	0	0	0	5	1	69
60	Contin,	1509	1550	33	15	4	30	0	1	0	0	0	0	30
61	CROMARTY,	2300	2180	67	33	9	55	1	0	0	0	7	0	64
62	DINGWALL,	2412	2443	63	54	11	63	1	0	0	0	0	6	70
63	Edderton,	836	860	20	17	1	15	0	0	0	0	1	0	16
64	Fearn,	2083	2135	51	24	10	58	0	0	0	0	2	0	60
65	Fodderty,	2247	2121	40	21	10	42	1	0	0	0	1	3	47
66	Gairloch—(1) Northern,	1927	1669	48	29	8	22	0	0	0	0	4	3	29
	(2) Southern,	3522	3379	75	50	15	51	1	0	0	0	7	3	62
67	Glenshiel,	485	463	9	10	1	6	0	0	0	0	0	0	6
68	Killearnan,	1494	1272	22	18	2	19	0	0	0	0	3	1	23
69	Kilmuir-Easter,	1295	1281	35	16	8	28	0	0	0	0	2	0	30
70	Kiltearn,	1634	1496	39	29	5	38	1	0	0	0	1	0	41
71	Kincardine—(1) Kincardine,	1346	1299	35	19	3	25	0	0	0	0	5	0	30
	(2) Strathoykell,	400	386	14	5	0	6	1	0	0	0	2	0	9
72	Kintail,	890	753	9	6	2	12	1	0	0	0	0	2	15
73	Knockbain,	2485	2155	42	31	14	39	2	0	0	0	0	2	43
74	Lochalsh,	2413	2319	48	45	10	22	0	0	0	0	3	21	46
75	Lochbroom—(1) Lochbroom,	3577	3167	66	50	16	48	1	0	0	0	11	16	76
	(2) Coigach,	1285	1239	24	13	1	11	12	0	0	2	0	0	25
76	Lochcarron,	1592	1629	32	23	3	31	2	1	0	0	1	5	40
77	Logie-Easter,	932	912	21	12	1	26	0	0	0	0	3	0	29
78	Nigg,	1253	1201	27	21	5	26	0	0	0	0	3	0	29
79	Rosolis,	1568	1527	37	11	7	25	0	0	0	0	1	0	26
80	ROSEMARKIE,	1545	1441	34	34	5	27	1	1	0	0	1	1	31
81	Rosskeen,	3766	3808	71	47	18	103	1	2	0	0	4	2	112
82	TAIN,	3294	3221	77	70	10	78	1	2	0	0	8	0	89
83	Tarbat,	2269	2182	60	26	9	41	1	0	0	0	3	1	46
84	Urquhart and Logie-Wester,	3147	2863	56	37	7	52	0	0	0	0	2	1	55
85	Urray,	2355	2308	48	33	12	50	0	0	0	0	1	1	52
	Insular.													
86*a*	Barvas,	4609	4950	167	71	33	134	19	1	0	0	17	9	180
86*b*	Carloway,	2204	2702	94	35	3	94	1	0	0	0	8	0	103
87	Lochs,	3568	4162	142	60	20	93	47	0	0	0	10	0	150
88	STORNOWAY,	8668	9510	295	155	38	245	34	1	0	0	25	1	306
89	Uig,	2007	2159	53	31	22	63	3	0	0	0	4	0	70

6. Inverness.

Mainland.

90*a*	Abernethy and Kincardine, - -	1928	1752	26	24	4	34	0	0	0	0	3	0	37
90*b*	Alvie, - - - -	833	882	22	11	8	16	0	0	0	0	0	0	16
91	Ardersier, - - - -	1239	1284	65	33	10	47	1	0	0	0	5	0	53
92	Boleskine, etc.—(1) Boleskine, - -	813	681	15	9	1	15	0	1	0	0	2	0	18
	(2) Fort-Augustus or Abertarff,	930	897	9	18	1	17	0	0	0	0	2	0	19
93	Cromdale and Inverallan. (Now 128*b infra.*)													
94	Croy and Dalcross, - - -	1873	1841	49	15	11	33	0	0	0	0	2	5	40
95	Daviot and Dunlichty, - -	1741	1598	35	28	6	23	0	0	0	0	4	0	27
96*a*	Dores, - - - -	1506	1401	22	20	1	22	1	0	0	0	1	0	24
96*b*	Duthill, etc.—(1) Duthill, - -	1609	1530	33	20	5	19	0	0	0	0	2	1	2
	(2) Rothiemurchus, -	319	342	7	4	1	8	0	0	0	0	0	0	8
97	Glenelg—(1) Glenelg, - -	800	714	10	11	3	12	0	0	0	0	0	1	13
	(2) Knoydart, - -	574	499	10	7	2	8	4	0	0	0	1	2	15
	(3) North Morar, - -	469	440	12	4	9	13	0	0	0	0	1	1	15
98	INVERNESS, - - -	16162	18552	533	464	110	444	13	0	4	0	45	16	522
99	Kilmonivaig—(1) Glengarry, -	625	550	12	2	1	13	0	0	0	0	1	0	14
	(2) Lochaber, - -	1651	1417	32	30	5	29	0	0	0	0	4	0	33
100	Kilmorack, - - -	2852	2728	67	46	12	58	0	0	0	0	4	3	65
101	Kiltarlity, - - -	2839	2537	56	37	9	45	0	0	0	0	2	0	47
102	Kingussie and Insh, - -	2033	2101	50	25	10	38	4	0	0	0	6	0	48
103	Kirkhill, - — - -	1757	1582	27	27	8	31	0	1	0	0	1	1	34
104	Laggan, - - - -	986	950	24	13	4	28	1	0	0	0	0	0	29
105	Moy and Dalarossie, - -	1026	1005	13	13	4	14	0	0	0	0	1	3	18
106	Petty, - - - -	1671	1549	41	29	8	33	0	0	0	0	5	0	38
107	Urquhart, etc.—(1) Urquhart, -	2294	2215	54	26	5	49	1	1	0	0	2	2	55
	(2) Glenmoriston, -	617	565	12	11	2	8	0	0	0	0	0	0	8
	Insular.													
108	Barra, - - - -	1853	1997	71	45	10	48	2	1	0	0	10	3	64
109	Bracadale, - - -	1335	1113	23	27	1	18	0	2	0	0	3	1	24
110	Duirinish, - - -	4775	4422	118	92	24	89	0	0	0	7	14	11	121
111	Harris—(1) Harris, - - -	3769	3668	133	43	33	4	0	0	0	0	6	107	117
	(2) Bernera, - -	336	381	16	7	2	10	2	0	0	0	3	0	15
	(3) St Kilda, - -	78	71											
112	Kilmuir—(1) Kilmuir, - -	1561	1362	44	28	8	8	1	0	0	0	5	20	34
	(2) Stenscholl, - -	1311	1228	42	22	11	34	1	0	0	0	5	0	40
113	North Uist, - - -	3959	4107	144	67	31	45	44	0	0	0	9	0	98
114	Portree—(1) Portree, - -	2579	2328	52	56	8	49	8	0	0	0	7	5	69
	(2) Raasay, - -	580	600	20	7	4	14	3	0	0	0	3	3	23
115	Sleat, - - - -	2330	2233	49	31	9	50	0	0	0	0	4	0	54
116	Small Isles, - - -	567	522	12	11	4	10	0	3	0	0	1	0	14
117	Snizort—(1) North, - -	961	803	21	11	1	0	0	0	0	0	3	19	22
	(2) South, - - -	1652	1500	50	26	16	17	0	0	0	0	7	12	36
118	South Uist—(1) Benbecula, - -	1544	1651	49	20	4	35	2	0	0	0	7	2	46
	(2) Howmore, - -	1763	1818	57	21	25	30	5	0	0	0	5	11	51
	(3) Boisdale, - -	2051	2280	53	55	3	30	21	0	0	0	7	0	58
119	Strath, - - - -	2664	2562	66	31	18	60	1	0	0	0	4	3	68

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
		1861.	1871.	Births.	Deaths.	Marriages.			On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
	III. NORTH-EASTERN DIVISION.													
	7. Nairn.													
120	Ardclach, – – – –	1330	1197	31	18	12	28	0	0	0	0	0	0	28
121	Auldearn, – – – –	1328	1279	35	22	5	35	0	0	0	0	1	0	36
122	Cawdor, – – – –	1203	1027	28	14	5	24	1	0	0	0	0	0	25
123	NAIRN, – – – –	4486	4869	137	82	32	125	1	1	0	0	13	2	142
	8. Elgin (or Moray.)													
124	Abernethy and Kincardine. (Now 90*a supra.*)													
125	Alves, – – – –	1010	1018	35	10	4	31	1	0	0	0	3	0	35
126	Bellie, – – – –	1967	2013	46	43	5	42	0	0	0	0	8	2	52
127	Birnie, – – – –	411	375	10	7	2	10	0	0	0	0	0	0	10
128*a*	Boharm, – – – –	1412	1337	34	25	7	40	1	1	0	0	1	0	43
128*b*	Cromdale, etc.—(1) Cromdale, –	1308	1295	34	8	5	35	0	0	0	0	4	0	39
	(2) Inverallan –	2635	2522	81	42	11	60	0	2	0	0	5	0	67
129	Dallas, – – – –	1102	1060	43	10	6	25	0	0	0	0	0	0	25
130	Drainie, – – – –	3028	3293	126	42	34	133	0	0	0	0	8	0	141
131	Duffus, – – – –	3308	3716	111	58	29	97	3	0	0	0	3	0	103
132	Duthill, etc. (Now 96*b supra.*) –													
133	Dyke, – – – –	1247	1238	29	24	9	33	0	0	0	0	2	0	35
134	Edinkillie, – – –	1303	1286	26	15	3	31	0	0	0	0	1	0	32
135	ELGIN, – – – –	9866	9703	280	199	26	231	4	0	0	0	33	2	270
136	New Spynie, – – –	518	573	20	19	3	8	0	0	0	0	2	0	10
137	FORRES, – – – –	4112	4562	128	96	28	110	0	1	0	0	13	3	127
138	Kinloss, – – – –	1315	1112	33	20	3	26	0	1	0	0	2	0	29
139	Knockando, – – – –	1736	1909	63	25	5	46	0	0	0	0	0	2	48
140	Rafford, – – – –	1055	1101	28	14	5	30	0	0	0	0	1	0	31
141	Rothes, – – – –	2407	2148	68	31	15	48	3	7	0	1	7	4	70
142	St Andrew's-Lhanbryde, – –	1344	1286	47	17	10	32	1	0	0	0	1	0	34
143	Speymouth, – – –	689	634	23	11	2	19	0	0	0	0	3	0	22
144	Urquhart, – – –	2532	2368	65	30	10	66	2	0	0	0	1	1	70
	9. Banff.													
145	Aberlour, – – – –	1520	1632	52	31	11	46	1	1	0	0	6	0	54
146	Alvah, – – – –	1467	1436	51	13	14	20	0	0	0	0	3	0	23

147	BANFF, – – – –	7740	8425	285	136	37	235	3	0	0	0	24	0	262
148	Botriphnie, – – –	867	785	24	7	5	20	0	0	0	0	0	0	20
149	Boyndie, – – –	1711	1854	60	43	14	54	1	0	0	0	4	0	59
150	CULLEN, – – –	1821	2056	74	32	6	66	0	0	0	0	5	0	71
151	Deskford, – – – –	1031	972	24	18	2	22	0	0	0	0	2	0	24
152	Enzie, – – – –	2072	2251	77	42	16	69	0	0	0	0	4	0	73
153	Fordyce, – – – –	4145	4150	130	62	24	136	0	4	0	0	5	0	145
154	Forglen, – – – –	783	845	25	21	6	30	0	0	0	0	1	0	31
155*a*	Gamrie, – – – –	3019	3151	103	57	18	107	1	1	0	0	6	0	115
155*b*	Glenrinnes, – – –	439	466	9	13	4	11	0	0	0	0	1	0	12
156	Grange, – – – –	1909	1876	63	39	9	47	0	0	0	0	3	0	50
157	Inveravon—(1) Inveravon, – –	868	890	25	14	4	28	0	0	0	0	1	0	29
	(2) Glenlivat, – –	1771	1718	40	23	6	39	1	1	0	0	0	0	41
158	Inverkeithny, – – –	880	1000	29	15	6	31	0	0	0	0	0	0	31
159	KEITH, – – – –	5943	5891	170	133	33	164	2	0	0	0	11	0	177
160	Kirkmichael, etc.—(1) Kirkmichael, –	551	477	6	8	2	5	0	0	0	0	0	0	5
	(2) Tomintoul, –	960	799	20	14	6	22	0	0	0	0	1	0	23
161	Marnoch, – – – –	3289	3294	127	50	17	105	0	0	0	0	7	0	112
162	Mortlach, – – – –	2801	2737	84	39	20	84	1	0	0	0	5	1	91
163	Ordiquhill, – – –	764	761	25	10	4	17	0	0	0	0	1	0	18
164	RATHVEN, – – –	4922	6659	254	117	50	201	0	0	0	0	21	0	222
165	Rothiemay, – – –	1414	1370	44	14	4	47	0	0	0	0	2	0	49
166	St Fergus, – – –	1608	1633	54	30	7	45	0	0	0	0	1	1	47
167	SEAFIELD, – – –	1725	1755	65	28	20	49	6	0	0	0	3	0	58
	10. ABERDEEN.													
168	ABERDEEN—(1) St Nicholas, –	41962	47077	1720	1247	383	1573	2	5	1	0	173	10	1764
	(2) Old Machar, –	31938	41104	1362	872	348	1213	4	1	1	0	123	7	1349
	(3) Do. (Landward), –	1298	1373	46	11	15	32	0	0	0	0	1	0	33
169	Aberdour,– – – –	1837	1945	66	21	10	72	0	0	0	0	1	0	73
170	Aboyne, – – – –	1160	1351	39	12	4	39	0	0	0	0	1	0	40
171	Alford, – – – –	1264	1396	43	11	5	37	0	0	0	0	6	0	43
172	Auchindoir, – – –	1593	1545	51	36	5	45	0	0	0	0	4	0	49
173	Auchterless, – – –	1782	1971	70	18	7	68	0	0	0	0	1	0	69
174	Belhelvie, – – –	1807	1833	59	23	19	64	0	0	0	0	4	0	68
175	Birse, – – – –	1284	1198	37	16	7	24	0	0	0	0	0	0	24
176	Bourtie, – – – –	547	499	18	4	1	13	0	0	0	0	2	0	15
177	Cabrach, – – – –	794	775	23	3	4	24	0	0	0	0	1	0	25
178	Cairney, – – – –	1490	1525	44	21	5	45	0	1	0	0	3	0	49
179	Chapel of Garioch, – – –	2023	1928	62	34	11	47	0	0	0	0	5	1	53
180	Clatt, – – – –	511	483	5	10	2	8	0	0	0	0	1	0	9
181	Cluny, – – – –	1254	1366	43	12	5	33	0	0	0	0	2	0	35
182	Coull, – – – –	792	824	28	14	5	29	0	0	0	0	0	0	29
183	Crathie and Braemar, – –	1574	1566	37	25	7	39	0	0	0	0	1	0	40
184	Crimond, – – – –	892	887	27	7	4	27	0	0	0	0	3	0	30
185	Cruden, – – – –	2743	3124	96	44	18	90	1	0	0	0	5	0	96
186	Culsamond, – – –	1165	896	32	5	7	27	0	0	0	0	0	1	28
187	Daviot, – – – –	614	597	22	8	1	10	0	0	0	0	1	0	11
188	Drumblade – – –	926	931	16	15	2	24	1	1	0	0	5	0	31
189	Drumoak,– – – –	996	1032	25	18	5	23	0	0	0	0	2	0	25

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.								
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
		1861.	1871.	Births.	Deaths.	Marriages.			On the ground of Constitutional Insusceptibility.	On the ground of previous Successful Vaccination.	In respect of the Children having already had Small-pox.			
	ABERDEEN—*continued.*													
190	Dyce,	585	945	25	15	4	33	1	0	0	0	4	0	38
191	Echt,	1287	1259	28	15	9	41	0	0	0	0	2	0	43
192	Ellon,	3239	3036	114	31	17	97	0	1	0	0	3	0	101
193	Fintray,	1003	1108	32	8	4	32	0	0	0	0	2	1	35
194	Forgue,	1397	1332	46	17	3	52	0	1	0	0	2	1	56
195	Foveran,	1891	1859	68	21	13	73	0	0	0	0	3	0	76
196	FRASERBURGH,	4511	5301	246	144	51	213	1	0	0	0	13	1	228
197	Fyvie,	3264	3306	101	45	17	110	0	0	0	0	2	1	113
198	Gartly,	1029	972	23	14	4	19	1	0	0	0	5	0	25
199	Glass,	1049	1061	40	14	5	27	0	0	0	0	0	0	27
200	Glenbucket,	552	570	22	5	3	16	0	0	0	0	0	0	16
201	Glenmuick, Tullich, and Glengairn,	1668	2160	72	38	9	61	0	0	0	0	1	0	62
202	HUNTLY,	4329	4374	127	88	22	143	1	0	0	0	6	2	152
203	Insch,	1565	1596	65	28	9	44	1	0	0	0	7	0	52
204	INVERURIE,	2668	2970	94	53	23	96	2	0	0	0	8	1	107
205	Keig,	811	886	24	12	3	25	0	0	0	0	0	0	25
206	Keith-hall,	933	874	25	14	3	26	0	0	0	0	1	0	27
207	Kemnay,	832	1300	37	15	6	48	0	0	0	0	4	0	52
208	Kildrummy,	590	660	18	12	0	20	0	0	0	0	0	0	20
209	Kincardine O'Neil,	2186	2000	42	30	2	54	0	1	0	0	2	1	58
210	King-Edward—(1) King-Edward,	1050	1058	34	17	8	98	0	1	0	0	1	0	100
	(2) New Byth,	1793	2053	70	32	15								
211	Kinnellar,	691	601	15	4	2	18	0	0	0	0	0	0	18
212	Kinnethmont,	1187	1062	20	17	5	27	0	0	0	0	1	0	28
213	KINTORE,	1895	2158	72	41	9	60	0	0	0	0	7	1	68
214	Leochel-Cushnie,	1173	1232	39	16	10	45	0	0	0	0	1	0	46
215	Leslie,	577	532	14	9	2	18	0	0	0	0	0	0	18
216	Logie-Buchan,	762	808	25	16	3	20	1	0	0	0	4	0	25
217	Logie-Coldstone,	932	900	29	22	3	16	0	1	0	0	2	1	20
218	Longside,	3008	3321	128	54	16	127	0	0	0	0	7	0	134
219	Lonmay,	2142	2245	78	42	18	64	1	0	0	0	2	1	68
220	Lumphanan,	1251	1239	37	12	1	38	0	0	0	2	1	0	41
221	Methlic,	2157	2084	61	28	10	73	0	0	0	0	3	0	76
222*a*	Midmar,	1091	1127	26	15	6	26	0	0	0	0	1	0	27
222	Millbrex,	1357	1484	44	15	12	41	0	0	0	0	1	0	42
223	Monquhitter,	2303	2670	88	27	23	99	0	0	0	0	6	1	106
224	Monymusk,	988	996	34	13	6	19	0	0	0	0	1	0	20

225	New Deer,	3736	4147	136	80	19	122	4	0	0	0	6	2	134
226	Newhills,	3463	4210	134	59	23	140	0	0	0	0	7	0	147
227a	New Machar,	1556	1520	32	20	11	55	0	0	1	0	1	0	57
227	New Pitsligo,	2609	3090	121	64	9	117	0	0	0	0	9	0	126
228	Old Deer,	4392	4434	147	88	25	127	0	0	0	0	15	0	142
229	Old Meldrum,	2343	2330	86	34	18	60	0	0	0	0	5	2	67
230	Oyne,	1127	1050	33	9	13	29	0	0	0	0	0	0	29
231	Peterculter,	1483	1668	37	21	11	63	0	0	0	0	4	0	67
232	PETERHEAD,	9796	11506	527	248	89	405	0	0	0	0	34	2	441
233	Pitsligo,	1890	2218	105	42	13	85	1	0	0	0	11	0	97
234	Premnay,	916	997	34	16	3	37	0	0	0	0	1	0	38
235	Rathen,	2554	2850	91	56	21	87	0	0	0	0	4	0	91
236	Rayne,	1514	1409	42	18	7	40	0	0	0	0	3	1	44
237a	Rhynie,	1061	1195	35	33	5	45	0	0	0	0	2	0	47
237b	Savoch,	2061	1961	65	30	7	63	0	0	0	0	4	0	67
238	Skene,	1831	1842	42	27	7	49	0	1	0	0	4	1	55
239	Slains,	1266	1355	32	18	5	48	0	0	0	0	3	0	51
240	Strathdon,	1735	1761	57	30	7	48	0	0	0	0	2	0	50
241	Strichen,	2409	2254	69	40	16	86	0	0	0	0	6	0	92
242	Tarland,	970	983	27	12	7	29	0	0	0	0	2	0	31
243	Tarves,	2377	2288	62	30	13	72	0	0	0	0	1	0	73
244	Tough,	874	760	17	3	4	20	0	0	0	0	0	0	20
245	Towie,	839	798	21	6	8	19	0	0	0	0	0	1	20
246	Tullynessle and Forbes,	957	970	29	9	6	23	0	0	0	0	2	0	25
247	Turriff,	3693	4348	137	63	18	128	1	0	0	0	8	3	140
248	Tyrie,	833	869	23	9	6	25	0	0	0	0	2	0	27
249a	Udny,	1623	1626	66	23	10	48	0	0	0	0	5	1	54
249b	Ythan Wells,	1517	1494	61	25	16	47	1	0	0	0	2	1	51
	11. KINCARDINE.													
250	Arbuthnott,	932	924	26	8	5	31	1	0	0	0	0	2	34
251	Banchory-Devenick—													
	(1) BANCHORY-DEVENICK,	1159	1263	52	23	7	29	0	0	0	0	6	0	35
	(2) Portlethen,	1687	1789	56	26	9	54	0	3	0	0	1	0	58
252	Banchory-Ternan,	2947	2875	82	46	17	76	0	0	0	0	5	1	82
253	Benholm,	1574	1569	64	25	9	41	0	0	0	0	6	1	48
254	BERVIE,	1561	1843	77	18	6	65	1	0	0	0	6	0	72
255	DUNNOTTAR,	1828	2102	69	38	12	69	0	0	0	0	5	0	74
256	Durris,	1109	1021	41	8	5	30	0	0	0	0	0	0	30
257	Fettercairn,	1700	1539	48	18	4	41	0	0	0	0	1	0	42
258	Fetteresso—(1) FETTERESSO,	3575	3585	110	81	25	98	1	1	0	0	5	0	105
	(2) Cookney,	1952	2080	62	39	11	65	0	0	2	0	2	0	69
259	Fordoun,	2297	2113	54	42	9	56	0	0	0	0	1	1	58
260	Garvock,	458	476	12	8	2	15	0	0	0	0	0	0	15
261	Glenbervie,	1219	1073	25	17	8	32	0	0	0	0	2	0	34
262	Kinneff and Catterline,	1054	1062	37	15	6	27	0	0	0	0	2	0	29
263	Laurencekirk,	2110	2174	72	57	23	63	0	0	0	0	4	0	67
264	Maryculter,	1055	1110	28	14	7	28	0	0	0	0	1	0	29
265	Marykirk,	2068	1771	51	28	10	55	1	1	0	0	1	0	58
266	Nigg,	2074	2348	84	40	19	74	1	0	0	0	5	0	80

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
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									On the ground of Constitutional Insusceptibility.	On the ground of previous Successful Vaccination.	In respect of the Children having already had Small-pox.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	KINCARDINE—*continued.*													
267	St Cyrus,– – – –	1552	1585	50	31	7	47	0	0	0	0	0	0	47
268	Strachan,– – – –	870	795	18	13	3	24	0	0	0	0	1	1	26
	IV. EAST-MIDLAND DIVISION.													
	12. FORFAR.													
269	Aberlemno, – – –	1054	1007	27	20	5	34	0	0	0	0	0	0	34
270	Airlie, – – – –	845	778	34	14	0	19	0	0	0	0	1	1	21
271	Arbirlot, – – – –	960	919	33	12	1	17	0	0	0	0	3	0	20
272	ARBROATH, – – –	17831	20169	685	426	141	582	1	1	1	0	78	11	674
273	Auchterhouse, – – –	706	721	27	10	4	18	0	1	0	0	2	0	21
274	Barry, – – – –	2465	3008	87	41	13	76	0	0	0	0	9	1	86
275	BRECHIN, – – –	8810	9514	300	230	84	273	1	0	0	0	29	2	305
276	Carmylie, – – –	1286	1309	36	12	6	45	1	1	0	0	0	0	47
277	Careston, – – –	225	209	7	2	2	9	0	0	0	0	0	0	9
278	Cortachy and Clova, – –	653	554	17	7	1	14	0	0	0	0	0	0	14
279	Coupar-Angus, – – –	2642	2797	85	74	21	75	0	1	0	0	8	0	84
280	CRAIG, – – – –	2177	2402	93	42	17	82	0	0	0	0	6	0	88
281	Dun, – – – –	552	565	18	6	4	14	0	0	0	0	1	0	15
282	DUNDEE—(1) St Peter, – –	91664	22894	833	592	234	681	0	2	12	4	100	19	818
	(2) St Mary, – –		23582	944	820	225	709	2	11	5	2	138	26	893
	(3) St Clement, – –		25090	956	640	264	764	3	3	11	7	146	43	977
	(4) St Andrew, – –		38082	1504	1023	328	1194	2	8	26	42	181	20	1473
	(5) Lochee, – –		11076	407	413	90	297	0	7	12	0	62	14	392
283	Dunnichen, – – –	1932	1536	49	27	10	48	0	0	0	0	1	0	49
284	Eassie and Nevay, – – –	748	586	23	7	2	12	0	1	0	0	1	0	14
285	Edzell, – – – –	1025	976	21	14	4	26	0	0	0	0	1	0	27
286	Farnell, – – – –	703	580	18	7	4	15	0	0	0	0	0	0	15
287	Fearn, – – – –	439	348	9	7	2	9	0	0	0	0	0	0	9
288	FORFAR, – – –	10838	12585	455	254	128	391	1	0	0	0	45	6	443
289	Glammis,– – – –	1980	1813	60	24	8	42	1	0	0	0	1	0	44
290	Glenisla, – – – –	1008	925	23	11	3	21	0	0	0	0	2	0	23
291	Guthrie, – – – –	476	404	10	2	3	10	0	0	0	0	1	0	11
292	Inverarity, – – –	961	888	25	12	7	33	0	0	0	0	3	0	36
293	Inverkeillor, – – –	1792	1521	64	30	8	48	0	0	0	0	2	1	51
294	Kettins, – – – –	962	855	19	12	5	29	0	0	0	0	2	0	31
295	Kingoldrum, – – –	473	409	7	4	2	7	0	0	0	0	0	0	7

296	Kinnell, – – – –	816	766	22	9	8	20	0	0	0	0	0	0	20
297	Kinnettles, – – –	447	405	12	4	2	14	0	0	0	0	0	0	14
298	Kirkden, – – – –	1862	1623	68	27	9	57	0	0	0	0	3	0	60
299	KIRRIEMUIR, – – –	7359	6420	190	162	39	148	0	1	0	0	17	0	166
300	Lethnott and Navar, – –	446	318	11	5	2	6	0	0	0	0	1	0	7
301	Liff, Benvie, and Invergowrie, –	1430	1357	31	16	14	35	0	0	0	0	0	8	43
302	Lintrathen, – – –	898	756	15	10	11	14	0	0	0	0	0	0	14
303	Lochlee, – – – –	495	424	10	4	1	3	0	0	0	0	1	1	5
304	Logie-Pert, – – –	1483	1251	39	19	3	34	0	0	1	0	3	0	38
305	Lunan, – – – –	259	248	6	1	0	9	0	0	0	0	0	0	9
306	Lundie, – – – –	442	400	14	4	1	10	0	0	0	0	2	0	12
307	Mains, etc.—(1) Mains, – –	1392	1927	79	34	9	66	0	0	0	1	10	0	77
	(2) Strathmartine, –	789	822	25	8	4	26	0	0	0	0	0	0	26
308	Marytown, – – – –	417	396	6	4	2	14	0	0	0	0	0	0	14
309	Menmuir,– – – –	796	761	27	11	5	31	0	0	0	0	0	0	31
310	MONIFIETH, – – –	5052	7252	260	119	48	225	0	0	0	0	11	0	236
311	Monikie, – – – –	1460	1397	55	15	7	35	0	0	0	0	3	0	38
312	MONTROSE, – – –	15668	15783	455	304	116	381	0	2	0	0	37	3	423
313	Murroes, – – – –	763	751	29	15	4	28	0	0	0	0	1	0	29
314	Newtyle, – – – –	1139	931	32	11	5	30	0	2	1	0	2	0	35
315	Oathlaw, – – – –	399	452	10	4	0	15	0	0	0	0	1	1	17
316	Panbride, – – –	1299	1331	32	20	12	45	1	0	0	0	2	0	48
317	Rescobie, – – – –	747	748	32	4	5	20	1	0	0	0	1	0	22
318	Ruthven, – – – –	265	247	7	4	0	5	0	0	0	0	0	0	5
319	St Vigeans, – – –	2553	2513	69	37	14	65	0	0	0	0	5	0	70
320	Stracathro, – – –	546	503	11	1	3	16	0	0	0	0	0	0	16
321	Tannadice, – – –	1438	1286	25	20	8	34	0	0	0	0	2	0	36
322	Tealing, – – – –	883	879	29	13	3	25	0	1	0	0	3	0	29
	13. PERTH.													
323	Aberdalgie, – – –	295	342	12	4	0	9	0	0	0	0	0	0	9
324	Aberfeldy, – – –	2402	2286	63	43	18	52	0	0	0	0	4	0	56
325	Aberfoyle, – – –	565	432	5	13	1	9	0	0	0	0	1	0	10
326	Abernethy, – – –	1960	1744	42	27	10	52	1	1	0	0	2	0	56
327	Abernyte, – – –	310	253	10	2	0	5	1	0	0	0	3	0	9
328*a*	ALYTH, – – – –	3198	3151	70	73	20	87	0	0	0	0	6	1	94
328*b*	Ardoch, – – – –	1418	1316	36	23	8	41	0	0	0	0	0	0	41
329	AUCHTERARDER, – – –	4208	3795	100	96	12	93	0	0	0	0	8	1	102
330	Auchtergaven, – – –	2562	2141	57	44	14	52	0	0	0	0	0	0	52
331	Balquhidder, – – –	746	743	21	11	2	17	1	0	0	0	1	1	20
332	Bendochy, – – –	549	474	11	3	1	14	1	0	0	0	0	0	15
333	Blackford, – – –	2041	1836	55	20	12	52	0	0	0	0	2	0	54
334	Blair–Athol, – – –	1553	1718	57	23	5	40	0	0	0	0	1	2	43
335	BLAIRGOWRIE, – – –	4423	4832	138	69	24	145	1	0	0	0	13	0	159
336	Callander, – – –	1676	1870	40	40	10	49	0	0	0	0	1	0	50
337	Caputh, – – – –	1728	1571	42	33	5	44	0	0	0	0	0	0	44
338	Cargill, – – – –	1647	1411	33	41	6	38	0	0	0	0	2	2	42
339	Clunie, – – – –	699	603	24	10	4	11	0	0	0	0	0	0	11
340	Collace, – – – –	534	456	11	5	6	11	0	0	0	0	0	0	11
341	Comrie, – – – –	2226	1911	43	36	10	42	0	0	0	0	2	0	44

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.								
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		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	On the ground of Children having already had Small-pox.	In respect of the Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
	PERTH—*continued.*													
342	CRIEFF, – – –	4490	4598	132	78	22	125	0	0	0	3	9	0	137
343	CULROSS, – – –	1423	1354	40	25	5	26	0	0	0	0	0	0	26
344	Dowally, – – – –	486	461	15	12	0	8	0	0	0	0	1	0	9
345	Dron, – – – –	376	343	7	2	1	11	0	0	0	0	2	0	13
346	Dull, – – – –	753	677	16	15	1	7	0	0	0	0	0	0	7
347	Dunbarney, – – –	1035	913	19	16	3	23	0	0	0	0	1	0	24
348	Dunblane, – – –	2528	2765	83	65	20	83	0	0	0	0	6	6	95
349	Dunkeld, – – – –	1086	881	22	17	3	23	0	0	0	0	1	1	25
350	Dunning, – – –	2084	1832	54	33	9	46	0	0	0	0	0	0	46
351	Errol, – – – –	2759	2504	75	39	14	80	0	0	0	0	7	0	87
352	Findo-Gask, – – –	399	369	13	6	1	10	0	0	0	0	0	0	10
353	Forgandenny, – – –	739	632	16	7	6	17	0	0	0	0	2	1	20
354	Forteviot, – – –	595	567	20	10	5	16	1	0	0	0	1	0	18
355*a*	Fortingall, – – –	1244	1014	21	9	5	23	0	0	0	0	1	0	24
355*b*	Foss, – – – –	381	270	4	5	4	6	0	0	0	0	2	0	8
356	Fowlis-Easter, – – –	317	291	9	3	1	13	0	0	0	0	1	0	14
357	Fowlis-Wester, – – –	1276	1028	25	15	6	28	0	0	0	0	0	0	28
358	Glendevon, – – –	138	105	2	2	1	1	0	0	0	0	0	0	1
359	Inchture, – – – –	659	659	24	10	3	24	0	0	0	0	0	0	24
360	Kenmore, – – –	1515	1215	25	30	6	30	0	0	0	0	0	1	31
361	Killin, – – – –	1681	1977	35	35	4	38	0	0	0	0	0	0	38
362	Kilmadock, – – –	3312	3170	61	66	8	65	3	0	0	0	2	1	71
363	Kilspindie, – – –	665	679	20	12	2	16	0	0	0	0	0	0	16
364	Kincardine, – – –	1778	1484	39	35	10	35	0	0	0	0	2	1	38
365	Kinclaven, – – –	758	607	16	10	2	23	0	0	0	0	1	0	24
366	Kinfauns, – – –	657	578	18	8	9	11	0	0	0	0	2	0	13
367	Kinloch-Rannoch, – – –	1147	921	19	14	6	25	0	0	0	0	2	0	27
368	Kinnaird, – – –	318	299	12	7	0	11	0	0	0	0	0	0	11
369	Kinnoull, – – –	796	723	20	11	5	25	0	0	0	0	0	0	25
370	Kirkmichael—(1) Kirkmichael, –	812	657	12	15	0	14	0	1	0	0	2	0	17
	(2) Glenshee, –	334	241	3	2	0	3	0	0	0	0	3	0	6
371	Lecropt, – – –	538	535	22	13	3	18	0	0	0	0	0	0	18
372	Lethendy, etc.—(1) Lethendy, –	235	179	4	1	1	2	0	0	0	0	0	0	2
	(2) Kinloch, –	295	251	4	3	0	6	0	0	0	0	1	0	7
373	Little Dunkeld, – –	2089	2352	68	55	9	62	0	0	0	0	4	0	66
374	LOGIE, – – –	3483	4553	106	93	26	80	1	0	0	0	3	0	84
375	Logiealmond, – –	815	646	13	7	2	11	0	0	0	0	0	0	11

376	Logierait, – – –	1902	1739	45	36	5	46	0	0	0	0	1	1	48
377	Longforgan, – – –	1823	1753	64	22	8	56	0	0	0	0	2	0	58
378	Madderty, – – –	536	523	12	7	4	12	0	1	0	0	1	0	14
379	Meigle, – – – –	1122	1003	41	16	4	22	0	0	0	0	5	1	28
380	Methven, – – –	2290	2073	68	30	13	43	0	0	0	0	5	4	52
381	Moneydie, – – –	252	244	7	3	2	8	0	0	0	0	0	0	8
382	Monzie, – – – –	461	413	7	6	1	6	0	0	0	0	0	0	6
383	Monzievaird, – – –	782	744	23	13	2	17	0	0	0	0	0	0	17
384	Moulin, – – – –	1605	1561	39	23	4	28	0	0	0	0	3	0	31
385	Muckhart, – – –	615	612	9	7	3	23	0	0	0	0	0	0	23
386*a*	Muthill, – – – –	2001	1916	42	29	8	50	0	0	0	0	0	1	51
386*b*	Persie, – – – –	839	820	26	10	4	21	0	0	0	0	0	0	21
387	PERTH, – – –	26094	26382	785	588	195	746	0	0	0	0	63	9	818
388	Port of Menteith, – – –	1375	1243	28	9	10	27	0	0	0	0	1	0	28
389	Rattray, – – – –	2234	2586	66	68	12	63	0	0	0	0	6	0	69
390	Redgorton, – – –	1596	1401	28	18	9	28	0	0	0	0	1	0	29
391	Rhynd, – – – –	297	327	11	8	2	11	0	0	0	0	1	0	12
392	St Madoes, – – –	280	290	6	5	2	4	0	0	0	0	0	0	4
393	St Martins, – – –	904	735	24	14	4	16	0	0	0	0	0	0	16
394*a*	Scone, – – – –	2153	2185	64	40	17	58	0	0	0	0	5	0	63
394*b*	Strathfillan, – – –	411	342	8	13	0	4	0	0	0	0	0	0	4
394*c*	Tenandry, – – –	595	530	14	7	1	10	4	0	0	0	0	0	14
395	Tibbermore, – – –	1182	1128	38	22	6	21	0	0	0	0	3	0	24
396	Trinity-Gask, – – –	488	415	11	2	3	8	0	0	0	0	1	1	10
397	TULLIALLAN, – – –	2410	2184	65	57	8	59	0	0	0	0	2	1	62
398	Weem, – – – –	215	186	8	2	1	4	0	0	0	0	0	0	4
	14. FIFE.													
399	Abbotshall, – – –	808	674	14	13	4	14	0	0	1	0	2	0	17
400	Abdie, – – – –	1257	1057	25	27	11	40	0	0	0	0	3	0	43
401	Aberdour, – – –	1874	1697	57	27	16	54	0	1	0	0	4	0	59
402	ANSTRUTHER-EASTER, –	1155	1239	37	14	10	42	0	0	0	0	0	0	42
403	ANSTRUTHER-WESTER, –	438	545	19	7	3	11	0	0	0	0	1	0	12
404	Arngask, – – –	705	565	22	12	2	11	1	0	0	0	1	0	13
405	Auchterderran, – – –	3457	4017	163	77	23	171	0	0	0	0	13	0	184
406	AUCHTERMUCHTY, – –	3285	2958	86	72	11	84	0	0	0	0	8	0	92
407	Auchtertool, – – –	609	529	22	10	5	16	0	0	0	0	0	0	16
408	Ballingry, – – –	736	982	44	34	5	35	0	0	0	0	1	0	36
409	Balmerino, – – –	815	717	18	14	6	20	0	0	0	0	2	0	22
410	Beath, – – – –	2390	3534	185	89	23	130	2	1	0	0	11	0	144
411	BURNTISLAND, – – –	3670	3872	126	78	32	99	0	0	0	0	9	2	110
412	Cameron, – – –	1362	1158	30	8	3	31	0	0	0	0	1	0	32
413	Carnbee, – – –	1157	1088	39	8	13	38	0	0	0	0	1	0	39
414	Carnock, – – –	2925	1764	52	33	12	53	0	0	0	0	6	1	60
415	Ceres, – – – –	2723	2381	65	32	18	59	0	0	0	0	5	1	65
416	Collessie, – – –	1530	1703	72	24	10	50	1	0	0	0	3	0	54
417	CRAIL, – – – –	1931	1864	48	23	11	45	0	0	0	0	7	0	52
418	Creich, – – – –	377	387	12	9	4	12	0	0	0	0	0	0	12
419	Cults, – – – –	800	767	30	14	4	18	1	0	0	0	1	0	20
420	CUPAR, – – –	6750	7102	211	151	47	182	1	1	0	0	22	6	212

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.								
									Insusceptible of Vaccine Disease.						
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
	FIFE—*continued.*													
421	Dairsie, – – – –	638	687	18	8	6	17	0	0	0	0	3	0	20
422	Dalgetty, – – –	1569	1310	41	24	7	44	0	0	0	0	2	0	46
423	Dunbog, – – –	414	395	12	3	2	12	0	0	0	0	0	0	12
424	DUNFERMLINE—(1) Burgh, –	13506	14963	490	311	168	490	2	0	0	0	42	8	542
	(2) Landward, –	7609	8293	350	195	65	276	0	1	0	0	30	0	307
425	Dunino, – – – –	370	325	9	7	1	5	0	0	0	0	1	0	6
426	DYSART, – – – –	8842	9682	364	236	100	298	1	0	0	0	32	1	332
427	Elie, – – – –	826	775	20	16	3	16	1	0	0	0	3	0	20
428	FALKLAND, – – –	2937	3069	85	43	22	74	0	0	0	0	8	6	88
429	Ferry-Port-on-Craig, – –	2013	2674	87	41	12	81	1	0	0	0	6	3	91
430	Flisk, – – – –	230	212	8	2	0	4	0	0	0	0	0	0	4
431	Forgan, – – – –	1326	2243	55	34	6	54	0	0	0	0	5	0	59
432	INVERKEITHING, – –	3196	3131	90	49	16	93	0	0	0	0	4	0	97
433	Kemback, – – –	896	1056	23	16	10	24	0	0	0	0	4	0	28
434	Kennoway, – – –	2012	1703	44	28	8	33	0	0	0	0	1	0	34
435	Kettle, – – – –	2474	2323	66	35	11	56	1	0	0	0	7	0	64
436	KILCONQUHAR, – –	2431	2018	48	32	9	50	0	0	0	0	5	0	55
437	Kilmany, – – –	656	651	16	7	3	19	1	0	0	0	1	1	22
438	KILRENNY, – – –	2534	2945	109	40	19	106	0	0	0	0	6	0	112
439	KINGHORN, – – –	2349	2602	91	71	19	74	0	0	0	0	6	0	80
440	Kinglassie, – – –	1266	1082	42	18	9	28	0	0	0	0	4	0	32
441	Kingsbarns, – – –	937	922	14	9	2	21	0	0	0	0	2	3	26
442	KIRKCALDY, – – –	11117	12835	440	310	124	363	6	0	0	0	42	15	426
443	Largo, – – – –	2626	2318	84	45	15	56	0	0	0	0	6	0	62
444	LESLIE, – – – –	4332	4294	130	63	25	122	0	0	0	0	10	0	132
445	Leuchars, – – –	1903	1727	44	33	12	53	0	0	0	0	2	0	55
446	Logie, – – – –	410	402	13	6	1	12	0	0	0	0	1	0	13
447	Markinch, – – –	5375	5413	152	127	34	148	0	0	0	1	16	1	166
448	Moniemail, – – –	1054	918	26	12	3	20	0	0	0	0	0	0	20
449	Moonzie, – – –	179	154	5	1	2	2	0	0	0	0	0	0	2
450	NEWBURGH, – – –	2693	2529	72	67	15	88	0	0	0	0	10	0	98
451	Newburn, – – –	374	362	11	6	3	13	0	0	0	0	0	0	13
452	PITTENWEEM, – – –	1710	1803	63	32	13	52	0	0	0	0	4	0	56
453	ST ANDREWS and St Leonards, –	7605	8592	194	126	52	206	0	0	0	0	22	1	229
454	St Monance (or Abercrombie), – –	1498	1761	67	13	18	58	0	0	0	0	6	0	64
455	Saline, – – – –	1610	1259	34	20	9	35	1	0	0	0	3	0	39
456	SCOONIE, – – –	3257	3178	90	43	15	75	0	0	0	0	10	0	85

457	Strathmiglo,	2261	2267	56	42	9	67	0	0	0	0	7	0	74
458	Torryburn,	1229	1051	38	20	9	23	0	0	0	0	1	1	25
459	Wemyss,	6003	6400	263	124	44	211	0	0	0	0	14	1	226
	15. KINROSS.													
460	Cleish,	649	539	15	6	8	15	0	0	0	0	0	0	15
461	Fossoway and Tulliebole,	1584	1461	54	17	6	36	0	1	0	0	3	0	40
462	KINROSS,	2649	2477	59	43	11	66	0	0	1	0	4	0	71
463	Orwell,	2399	2248	62	47	5	57	0	0	0	0	0	0	57
464	Portmoak,	1450	1193	36	24	7	31	0	0	0	0	3	0	34
	16. CLACKMANNAN.													
465	ALLOA,	8867	9940	365	222	58	321	0	0	0	0	33	2	356
466	Clackmannan,	4425	4653	179	80	35	177	0	0	0	0	13	0	190
467	Dollar,	1776	2524	55	46	13	55	0	0	0	0	4	0	59
468	TILLICOULTRY,	5054	5118	170	115	27	151	0	0	0	0	19	0	170
	V. WEST-MIDLAND DIVISION.													
	17. STIRLING.													
469	Airth,	1194	1396	60	30	12	32	0	0	0	0	5	0	37
470	ALVA,	3283	4296	180	131	24	155	0	1	0	0	20	0	176
471	Baldernock,	718	616	21	11	1	14	0	0	0	0	2	0	16
472	Balfron,	1517	1502	43	36	4	35	0	0	0	0	5	0	40
473	Bothkennar,	1722	2455	122	69	31	88	0	0	0	0	8	0	96
474	Buchanan,	705	591	10	3	2	14	0	0	0	0	1	0	15
475	CAMPSIE,	6483	6739	218	136	43	213	1	1	0	0	20	0	235
476	DENNY,	4988	4993	196	129	37	168	0	0	0	0	19	0	187
477	Drymen,	1619	1405	32	20	5	36	0	0	0	0	1	1	38
478	Dunipace,	1731	1733	63	26	11	60	0	0	0	0	4	1	65
479	FALKIRK—(1) Burgh,	9030	9547	340	285	67	331	3	0	0	1	35	1	371
	(2) Landward,	7996	8504	335	181	104	255	0	0	0	0	22	9	286
480	Fintry,	685	499	12	10	3	10	0	0	0	0	0	0	10
481	Gargunnock,	728	675	21	11	1	12	0	0	0	0	2	0	14
482	Killearn,	1171	1111	26	21	4	36	0	0	0	0	3	0	39
483	KILSYTH,	6112	6313	293	149	45	245	2	1	0	0	21	3	272
484	Kippen,	1722	1568	39	35	8	42	0	0	0	0	3	0	45
485	Larbert,	4999	5280	220	190	31	191	1	0	0	0	18	0	210
486	Muiravonside,	2660	2653	130	59	20	75	0	0	0	0	12	1	88
487	Polmont,	4111	3910	152	84	30	137	0	0	0	0	15	0	152
488	ST NINIANS*—(1) ST NINIANS	4693	5289	186	115	18	253	4	0	0	0	14	1	272
	(2) BANNOCKBURN,	3796	4358	149	94	35								
489	Slammanan,	2916	4164	209	102	40	191	0	0	0	0	9	8	208
490	STIRLING,*	12171	12513	425	293	104	439	8	0	0	0	33	10	490
491	Strathblane,	1388	1235	37	24	10	52	0	0	0	0	5	0	57
	18. DUMBARTON.													
492	Arrochar,	629	525	8	7	1	7	0	0	0	0	1	0	8
493	BONHILL,	9059	9593	312	198	78	296	1	2	0	0	19	2	320
494	CARDROSS,	4168	4405	144	96	31	121	1	0	0	0	12	1	5

* The constitution of the Districts of St Ninians and Stirling was altered in 1872. In 1871, to which year the Vaccination Statistics pertain, the population of these Districts was—St Ninians, 7570; Stirling, 14599.

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.		Died before Vaccination.	Removed from District before Vaccination or otherwise unaccounted for.	Total Births for 1871.
		1861.	1871.	Births.	Deaths.	Marriages.			On the ground of Constitutional Insusceptibility.	On the ground of previous Successful Vaccination. In respect of the Children having already had Small-pox.			
	DUMBARTON—*continued.*												
495	Cumbernauld, – – –	3513	3602	128	74	24	126	0	0	0 0	11	3	140
496	DUMBARTON, – – –	8268	11423	516	332	87	441	4	0	1 0	34	9	489
497	Kilmaronock, – – –	1085	978	19	25	5	21	0	0	0 0	0	0	21
498	KIRKINTILLOCH, – – –	8179	8257	348	230	64	271	0	0	0 0	25	8	304
499	Luss, – – – –	831	730	18	16	2	12	0	0	0 0	0	0	12
500	New or East Kilpatrick, – –	4910	6038	241	133	34	192	7	0	0 0	23	3	225
501	OLD or WEST KILPATRICK, – –	5577	5346	239	139	44	134	1	0	0 0	13	18	166
502	Roseneath, – – –	1626	1780	39	28	7	37	0	0	0 0	4	2	43
503	Row, – – – –	6334	8439	211	181	45	171	3	0	0 0	17	3	194
	19. ARGYLL.												
	Mainland.												
504	Ardchattan, – – –	1381	1172	15	15	3	29	0	0	0 0	0	0	29
505	Ardnamurchan—(1) Aharacle, –	1544	1414	29	31	3	46	4	0	0 0	2	0	52
	(2) Arisaig, – –	1343	1131	23	14	6	26	0	0	0 0	0	0	26
	(3) Sunart (or Strontian), –	759	760	19	22	1	13	0	0	0 0	0	0	13
	(4) Western Ardnamurchan,	1054	954	24	18	2	8	0	0	0 0	2	5	15
506	Ballachulish and Corran of Ardgour, –	919	849	16	23	4	13	0	0	0 0	4	0	17
507	CAMPBELTOWN, – – –	8149	8580	263	166	65	262	4	0	0 0	18	3	287
508	Craignish, – – –	618	481	15	5	0	13	0	0	0 0	0	0	13
509	Cumlodden, – – –	1033	826	26	11	3	25	0	0	0 0	1	0	26
510	DUNOON and KILMUN, – –	5461	6871	184	128	36	150	1	0	0 0	7	4	162
511	Glassary, – – –	1769	1535	48	18	9	33	0	0	0 0	2	2	37
512	Glenorchy,* – – –	869	752	27	16	2	20	0	0	0 0	3	2	25
513	INVERARAY, – – –	1650	1503	30	39	9	27	1	1	0 0	3	3	35
514	Inverchaolain, – – –	424	443	10	5	1	8	0	0	0 0	0	0	8
515	Kilbrandon and Kilchattan, – –	2053	2107	53	44	6	62	0	0	0 0	1	0	63
516	Kilcalmonell, etc.—(1) Kilcalmonell –	742	684	20	10	4	17	0	0	0 0	1	0	18
	(2) Kilberry –	583	485	13	10	2	13	0	0	0 0	1	0	14
517	Kilchrenan, etc.—(1) Kilchrenan,* –	587	396	7	6	1	4	0	0	0 0	0	1	5
	(2) Dalavich, –	230	217	4	1	2	9	1	0	0 0	0	0	10
518	Kilfinan, – – – –	1891	2228	71	36	11	70	0	0	0 0	2	1	73
519	Killean and Kilchenzie, – –	1890	1614	45	32	5	42	0	0	0 0	2	0	44
520	Kilmalie, – – –	3353	3217	83	63	8	60	3	0	0 0	8	1	72
521	Kilmartin, – – –	949	869	16	15	4	20	0	0	0 0	2	0	22
522	Kilmodan, – – –	433	358	13	1	3	8	0	0	0 0	0	0	8

523	KILMORE AND KILBRIDE, –	2962	3402	87	75	17	62	3	0	0	0	8	5	78
524	Kilninver, etc.—(1) Kilninver, –	314	253	4	5	1	3	0	0	0	0	0	2	5
	(2) Kilmelford, –	486	506	9	6	0	23	0	0	0	0	1	0	24
525	Lismore, etc.—(1) Lismore, – –	1023	908	17	21	4	18	0	0	0	0	2	3	23
	(2) Appin, – –	825	728	18	12	4	12	0	0	0	0	1	1	14
	(3) Glencoe and Ballachulish	1324	1529	38	38	5	20	15	0	0	0	4	2	41
	(4) Duror, – –	423	370	8	5	0	11	0	0	0	0	0	0	11
526	Lochgilphead, – – –	3312	3680	111	95	15	103	0	0	0	1	12	5	121
527	Lochgoilhead, etc.—(1) Lochgoilhead, –	418	436	14	13	3	13	0	0	0	0	1	0	14
	(2) Kilmorich, –	284	330	12	6	2	8	1	1	0	0	0	0	10
528	Morvern, – – –	1226	973	18	19	2	24	0	0	0	0	0	0	24
529	Muckairn,* – – –	965	790	20	11	0	7	0	0	0	0	1	0	8
530	North Knapdale, – – –	1327	1059	23	22	4	15	1	1	0	0	1	0	18
531	Saddell, etc.—(1) Saddell, –	739	645	20	10	0	17	0	0	0	0	4	0	21
	(2) Skipness, –	533	500	12	6	3	12	0	0	0	0	0	0	12
532	Southend, – – –	1214	1044	29	10	11	29	0	0	0	0	0	0	29
533	South Knapdale, – – –	654	548	8	8	2	10	0	0	0	0	0	0	10
534	Stralachlan, etc.—(1) Stralachlan, –	309	340	15	5	2	11	0	0	0	0	0	0	11
	(2) Strachur, –	563	527	12	14	4	12	0	0	0	0	0	1	13
535	Tarbert, – – – –	1661	1866	73	47	10	61	0	0	0	0	6	0	67
	Insular.													
536	Bowmore (or Killarrow), – –	2701	2088	51	48	9	40	0	0	0	0	1	0	41
537	Gigha, – – – –	467	390	11	10	0	10	0	0	0	0	0	0	10
538	Iona (merged in 542).													
539	Jura, etc.—(1) Jura, – –	858	775	7	10	1	16	1	0	0	0	0	0	17
	(2) Colonsay, – –	598	456	11	10	1	13	0	0	0	0	1	1	15
540	Kilchoman, – – –	2377	1882	40	30	7	44	0	0	0	0	1	0	45
541	Kildalton, – – –	2187	1916	48	36	5	54	1	0	0	0	3	1	59
542	Kilfinichen and Kilvickeon, – –	2535	2461	58	45	9	42	22	0	0	0	5	2	71
543	Kilmeny, – – –	1268	924	29	11	3	7	0	0	0	0	3	5	15
544	Kilninian and Kilmore, – –	1641	1189	21	13	2	21	0	0	0	0	0	0	21
545	Kinlochspelvie, – – –	428	388	9	4	0	8	0	0	0	0	2	0	10
546	Oa, – – – –	769	367	7	0	0	9	1	0	0	0	0	0	10
547	Portnahaven, – – –	1059	979	33	22	2	20	0	0	0	0	0	0	20
548	Salen, – – – –	604	605	9	5	0	9	0	0	0	0	0	0	9
549	Tobermory, – – –	1566	1344	27	31	5	26	0	0	0	0	2	0	28
550	Torosay, – – – –	557	454	9	5	1	9	0	0	0	0	0	0	9
551	Tyree, etc.—(1) Tyree, – –	3217	2837	68	41	9	63	1	0	0	0	4	0	68
	(2) Coll, – –	781	723	13	16	0	20	1	0	0	0	1	0	22
	20. BUTE.													
552	Cumbraes, – – –	1236	1613	48	25	9	33	0	0	0	0	0	0	33
553	Kilbride—(1) Brodick, – –	902	928	20	14	2	18	0	0	0	0	3	0	21
	(2) Kilbride, – –	1351	1276	26	32	3	20	1	0	0	0	0	0	21
554	Kilmory, – – – –	2515	2278	29	40	16	38	0	1	0	0	2	0	41
555	Kingarth, – – –	905	901	29	15	8	22	1	0	0	0	2	0	25
556	Lochranza, – – –	824	777	17	20	0	14	0	0	0	0	0	1	15
557	North Bute, – – –	1351	1393	37	25	5	34	0	0	0	0	3	1	38
558	ROTHESAY, – – –	7227	7800	232	227	57	173	2	0	0	0	21	16	212

* The constitution of the Districts of Glenorchy, Kilchrenan, and Muckairn, was altered in 1872. In 1871, to which year the Vaccination Statistics pertain, the population of these Districts was—Glenorchy and Inishail, 1052; Kilchrenan, 267; and Muckairn, 619.

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
		1861.	1871.	Births.	Deaths.	Marriages.			On the ground of Constitutional Insusceptibility.	In respect of the children having already had Small-pox.	On the ground of previous Successful Vaccination.			
	VI. SOUTH-WESTERN DIVISION.													
	21. RENFREW.													
559	Abbey—(1) Part of PAISLEY, – –	15889	16348	632	458	156	497	1	0	0	2	76	13	589
	(2) LANDWARD, – –	5670	5679	214	109	40	197	2	0	0	0	15	1	215
	(3) JOHNSTONE, – –	8142	8590	362	194	96	270	0	0	0	0	40	18	328
560	Cathcart, – – –	3782	7231	281	140	55	259	3	0	0	0	23	2	287
561	Eaglesham, – – –	2328	1714	55	36	20	48	0	0	0	0	4	1	53
562	EASTWOOD, – – –	11314	13098	499	282	118	425	1	0	0	0	48	4	481
563	Erskine, – – – –	1457	1565	44	28	7	49	0	1	0	0	2	1	53
564	GREENOCK—(1) New, or Middle, –	9446	9592	417	271	41	293	0	9	1	0	55	28	394
	(2) East, – –	12135	17061	793	441	132	639	3	6	1	0	75	21	745
	(3) Old, or West, –	22313	33141	1516	985	367	1220	0	1	0	4	137	44	1406
565	Houston and Killellan, – –	2490	2167	69	37	17	54	0	0	0	0	7	6	67
566	Inchinnan, – – –	619	584	19	11	6	14	0	0	0	0	1	0	15
567	Innerkip—(1) Innerkip, – –	1188	1393	44	20	5	33	0	0	0	0	5	0	38
	(2) GOUROCK, – –	2307	3109	98	77	17	68	0	0	0	0	6	0	74
568	KILBARCHAN, – – –	6348	6093	222	145	60	182	2	0	0	0	9	0	193
569	Kilmalcolm, – – –	1455	1716	52	27	13	33	0	0	0	0	2	2	37
570	Lochwinnoch, – – –	3821	3816	122	73	23	95	0	0	0	0	7	7	109
571	Mearns, – – –	3547	3543	93	65	26	97	0	1	0	0	9	0	107
572	Neilston—(1) Neilston, – –	4577	4633	144	90	29	132	1	0	0	0	11	3	147
	(2) BARRHEAD, – –	6436	6503	222	135	32	203	0	0	0	0	23	4	230
573	PAISLEY—(1) High, – – }	31538	31910	1181	970	321 }	571	1	0	0	0	56	7	635
	(2) Middle and Low, – }						504	2	0	0	3	70	17	596
574	PORT-GLASGOW, – –	7294	9912	472	299	106	388	3	1	0	0	50	12	454
575	RENFREW, – – –	4650	5908	245	167	29	205	1	2	0	0	19	11	238
	22. AYR.													
576	ARDROSSAN—(1) OLD ARDROSSAN, –	3530	3336	108	99	42	114	0	0	0	0	11	3	128
	(2) NEW ARDROSSAN, –	3246	3929	143	78	22	153	0	0	0	0	8	0	161
577	Auchinleck, – – –	4213	6174	282	105	31	270	0	0	0	0	23	4	297
578	AYR, – – – –	19659	19172	653	532	160	548	2	1	0	0	56	7	614
579	Ballantrae, – – –	1483	1277	36	26	3	39	0	0	0	0	1	0	40
580	Barr, – – – –	910	672	14	6	6	21	0	0	0	0	1	0	22
581	BEITH, – – – –	5775	6233	211	123	42	209	0	0	0	0	20	3	232
582	Colmonell, – – –	2588	2293	65	43	12	53	0	0	0	0	5	0	58
583	Coylton, – – – –	1604	1440	60	21	9	39	0	0	0	0	3	2	44
584	Craigie, – – – –	730	618	13	6	3	18	0	0	0	0	1	0	19
585	Dailly, – – – –	2050	1932	79	33	16	59	0	0	0	0	1	0	60

586	Dalmellington, – – –	4194	6165	284	112	53	294	0	0	0	0	20	1	315
587	DALRY, – – – –	11156	10885	410	173	79	378	3	0	1	3	22	9	416
588	Dalrymple, – – –	1325	1412	58	26	10	51	1	0	0	0	3	0	55
589	Dreghorn, – – –	3283	3241	155	61	30	120	0	0	0	0	8	0	128
590	DUNDONALD—(1) Dundonald, –	2095	1507	44	22	9	48	0	0	0	0	2	0	50
	(2) Troon, –	2599	2870	92	54	19	80	0	0	0	0	6	0	86
591	Dunlop, – – – –	1038	1160	25	19	8	32	0	0	0	0	0	0	32
592	Fenwick, – – –	1532	1318	34	26	14	37	0	0	0	0	2	0	39
593	GALSTON, – – –	5254	6331	294	148	53	286	0	0	0	0	31	0	317
594	GIRVAN, – – – –	7053	5685	202	136	45	183	0	1	0	0	22	0	206
595	IRVINE, – – –	8607	8462	304	280	68	290	1	0	0	0	35	7	333
596	KILBIRNIE, – – –	5265	4953	202	101	54	172	1	0	0	0	13	4	190
597	KILMARNOCK, – – –	23556	24072	997	570	234	848	3	0	0	0	94	11	956
598	Kilmaurs, – – –	3526	3449	140	66	31	120	0	0	0	0	11	0	131
599	KILWINNING, – – –	7717	7375	309	175	62	269	1	1	0	0	20	0	291
600	Kirkmichael, – – –	2823	2254	75	47	17	77	0	0	0	0	5	2	84
601	Kirkoswald, – – –	2060	1846	53	28	21	50	0	0	0	0	5	0	55
602	LARGS, – – – –	3620	4087	113	96	26	84	1	0	0	0	7	1	93
603	LOUDOUN, – – –	4840	5525	235	106	68	178	0	0	0	1	18	1	198
604	Mauchline, – – –	2303	2435	77	57	26	67	0	0	0	0	7	0	74
605	MAYBOLE, – – –	6713	5900	207	120	45	169	1	0	0	0	17	1	188
606	Monkton and Prestwick, – –	1937	1744	66	35	14	62	0	0	0	0	4	1	67
607	MUIRKIRK, – – –	3270	3253	114	54	29	115	3	0	0	0	10	5	133
608	New Cumnock, – – –	2891	3434	165	79	30	138	0	0	0	0	13	0	151
609	Ochiltree, – – –	1676	1656	38	21	10	34	0	0	0	0	4	0	38
610	OLD CUMNOCK, – – –	3721	4041	161	78	31	133	3	0	0	0	5	2	143
611	RICCARTON, – – –	5629	5845	254	115	40	264	0	0	0	0	21	0	285
612	St Quivox and Newton-upon-Ayr, –	1870	1363	40	15	7	46	0	0	0	0	3	0	49
613	SORN, – – – –	4042	4032	155	61	37	128	1	0	0	2	8	3	142
614	Stair, – – – –	743	734	17	19	4	16	0	0	0	0	0	1	17
615	STEVENSTON, – – –	5452	5019	203	122	45	190	0	1	2	0	25	1	219
616	STEWARTON, – – –	4449	4478	154	111	41	142	0	0	0	0	9	0	151
617	Straiton, – – – –	1544	1443	56	17	10	52	0	0	0	0	1	0	53
618	Symington, – – –	855	792	17	14	6	29	0	0	0	0	2	0	31
619	Tarbolton, – – –	2669	3219	139	65	27	103	0	0	0	0	11	0	114
620	West Kilbride, – – –	1988	1847	48	52	11	45	3	0	0	0	6	0	54
	23. LANARK.													
621	AVONDALE, – – –	6125	5460	187	105	38	176	0	0	0	0	16	0	192
622	Barony—(1) MARYHILL, – –	6734	10235	536	282	70	397	2	0	2	2	44	9	456
	(2) SPRINGBURN, –	8911	13994	635	662	81	498	1	1	0	1	59	21	581
	(3) Shettlestone, –	6914	7517	295	162	75	217	0	1	0	0	30	2	250
623	Biggar, – – – –	1999	2013	56	34	15	60	1	0	0	0	2	1	64
624	Blantyre, – – –	3092	3472	124	87	18	98	1	0	0	0	11	1	111
625	Bothwell—(1) BOTHWELL, – –	7059	9193	408	233	85	321	2	1	0	0	31	7	362
	(2) Holytown, – –	10844	10099	454	230	55	377	0	1	0	0	33	8	419
626*a*	Cadder—(1) Western, – –	3023	3261	126	65	29	123	0	0	1	0	12	2	138
	(2) Eastern, – –	2925	3203	117	72	16	106	0	0	0	0	7	3	116
626*b*	Calderhead, – – –	4034	4271	200	79	43	192	0	0	0	0	13	0	205
627	Cambuslang, – – –	3647	3740	145	74	29	125	0	0	0	0	8	1	134

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	On the ground of previous Successful Vaccination.	In respect of the Children having already had Small-pox.	Died before Vaccination.	Removed from District before Vaccination or otherwise unaccounted for.	Total Births for 1871.
	LANARK—*continued.*													
628	CAMBUSNETHAN,	13118	18709	938	488	196	764	4	0	0	0	79	12	859
629	CARLUKE,	6176	7066	269	150	57	268	0	0	0	0	25	0	293
630	Carmichael,	836	708	21	12	5	22	0	0	0	0	4	0	26
631	Carmunnock,	734	702	21	7	6	26	0	1	0	0	2	0	29
632	Carnwath,	3584	5709	273	110	37	245	0	1	0	0	18	10	274
633	Carstairs,	1345	1718	58	33	6	49	0	0	0	0	4	0	53
634	Covington and Thankerton,	532	454	11	10	4	10	0	0	0	0	0	0	10
635	Crawford—(1) Crawford,	694	727	32	7	9	23	0	0	0	0	2	0	25
	(2) Leadhills,	896	1102	42	34	13	40	0	0	0	0	6	1	47
636	Crawfordjohn,	980	853	23	18	10	18	1	0	0	0	1	0	20
637	Culter,	665	593	15	10	4	12	0	0	0	0	0	1	13
638	Dalserf—(1) LARKHALL,	3629	5332	271	146	47	210	0	0	0	0	22	3	235
	(2) Dalserf,	1247	2009	95	48	14	90	1	1	0	0	6	5	103
639	DALZIEL,	5438	9175	495	253	57	443	1	0	0	0	51	11	506
640	Dolphington,	260	231	10	2	1	5	0	0	0	0	0	0	5
641	Douglas,	2490	2624	72	53	16	87	0	0	0	0	5	2	94
642	Dunsyre,	312	302	7	4	2	7	0	0	0	0	0	0	7
643	East Kilbride,	4064	3861	108	68	35	111	0	0	0	0	9	1	121
644	GLASGOW—(1) Central,	49678	57279	2512	2072	608	1997	1	1	4	6	329	106	2444
	(2) High,	48119	58466	2594	2253	788	2014	17	0	1	8	240	96	2376
	(3) Bridgeton,	45485	60628	2796	1834	563	2280	0	1	1	1	265	56	2604
	(4) Calton,	36625	38177	1546	1134	351	1239	5	0	0	4	165	37	1450
	(5) Clyde,	29975	26044	940	745	213	660	1	1	0	21	148	67	898
	(6) Blythswood,	28697	33443	968	643	516	789	8	1	3	1	78	24	904
	(7) Milton,	33360	46393	2113	1264	471	1722	4	1	1	4	249	67	2048
	(8) Anderston,	40945	52504	2154	1257	534	1709	3	1	1	1	205	45	1965
	(9) Tradeston,	38600	49176	1924	1319	470	1570	1	1	0	0	192	16	1780
	(10) Hutchesontown,	44019	55622	2594	1528	627	2062	4	1	0	5	268	48	2388
645	Glassford,	1938	1430	41	18	16	47	0	0	0	0	2	0	49
646	GOVAN—(1) GOVAN CHURCH,	11297	27116	1686	919	317	1235	1	5	1	0	108	37	1387
	(2) PARK,	2428	5720	279	114	69	192	1	0	0	0	14	0	207
	(3) PARTICK,	14859	23918	1013	607	256	819	1	0	0	2	85	17	924
647	HAMILTON,	14047	16803	698	464	154	602	2	2	2	2	49	15	674
648	LANARK,	7891	7841	236	194	70	188	0	0	0	0	24	14	226
649	Lesmahagow,	9266	8709	354	140	82	320	0	0	0	0	22	0	342
650	Libberton,	836	691	23	4	7	21	0	0	0	0	0	0	21
651	New Monkland—(1) AIRDRIE,	12922	13488	572	348	154	513	2	1	1	0	58	4	579
	(2) Landward,	7632	9264	458	232	71	341	2	2	2	0	19	9	375

652	Old Monkland—(1) Western, –	6932	7873	369	162	44	309	0	2	0	0	18	1	330
	(2) Coatbridge, –	15303	18410	848	470	177	712	0	4	0	0	73	13	802
	(3) Eastern, –	7308	7790	348	185	45	314	2	0	2	0	22	7	347
653	Pettinain, – – –	407	366	14	4	5	11	1	0	0	0	0	0	12
654	RUTHERGLEN, – – –	9335	10766	397	256	131	412	1	0	0	0	36	4	453
655	Shotts, – – – –	4792	5699	280	126	35	200	1	0	0	0	19	14	234
656	Stonehouse, – – –	3267	3177	123	59	31	126	2	0	0	0	6	2	136
657	Symington, – – –	528	442	11	4	3	13	0	0	0	0	1	0	14
658	Walston, – – –	480	425	14	8	2	10	0	0	0	0	1	0	11
659	Wandell and Lamington, – –	380	332	7	2	1	11	0	0	0	0	1	0	12
660	Wiston and Roberton, – –	786	680	19	11	5	17	1	0	0	0	4	0	22
	VII. SOUTH-EASTERN DIVISION.													
	24. Linlithgow.													
661	Abercorn, – – –	965	933	27	25	2	19	0	0	0	0	5	1	25
662	Bathgate—(1) Bathgate, – –	6572	6942	299	153	59	254	2	0	0	0	19	18	293
	(2.) Armadale, –	3562	3187	128	78	19	139	1	0	0	0	21	3	164
663	Borrowstounness, – –	5698	4986	214	106	44	206	0	0	0	0	22	6	234
664	Carriden, – – –	1821	1799	73	42	15	60	0	0	0	0	13	3	76
665	Dalmeny, – – –	804	916	41	18	5	25	0	0	0	0	3	0	28
666	Ecclesmachen, – – –	309	329	8	5	2	9	0	0	0	0	0	0	9
667	Kirkliston, – – –	1907	2172	97	38	12	72	0	0	0	0	5	2	79
668	LINLITHGOW, – – –	5784	5554	183	122	45	159	1	0	0	0	20	4	184
669	Livingstone, – – –	1366	1727	86	31	8	56	0	1	0	0	8	3	68
670	QUEENSFERRY, – –	1391	1521	73	34	7	56	0	0	0	0	8	2	66
671	Torphichen, – – –	1848	1630	57	28	18	60	0	0	0	0	3	1	64
672	Uphall, – – – –	1507	2772	113	53	24	120	0	0	0	0	12		136
673	Whitburn, – – –	5511	6911	293	137	37	314	2	1	0	0	25	1	343
	25. Edinburgh.													
674	Borthwick, – – –	1569	1494	46	27	7	40	0	0	0	0	2	0	42
675	Carrington, – – –	681	712	19	5	7	24	0	0	1	0	3	0	28
676	Cockpen, – – –	2113	2481	109	55	16	70	2	0	0	0	12	2	86
677	Colinton, – – –	2656	3644	135	201	26	104	0	0	0	0	5	27	136
678	Corstorphine, – – –	1579	1788	46	31	5	47	0	0	0	0	5	0	52
679	Cramond, – – –	2695	3020	72	62	12	76	0	1	0	0	3	1	81
680	Cranston, – – –	1035	1036	24	13	5	22	0	0	0	0	2	0	24
681	Crichton, – – –	1304	1223	34	31	7	43	0	1	0	0	7	0	51
682	Currie, – – – –	2248	2360	76	41	15	73	0	0	0	0	6	3	82
683	Dalkeith, – – –	7114	7667	234	201	57	219	3	4	0	0	26	4	256
684	Duddingstone—(1) PORTOBELLO, –	4366	5481	154	116	46	144	0	0	0	0	18	2	164
	(2) Landward –	857	970	25	17	5	34	0	0	0	0	2	0	36
685	EDINBURGH—(1) St George, –	42068	55049	1803	1326	394	1597	0	3	9	0	154	36	1799
	(2) St Andrew, –	38731	39781	1074	782	320	975	2	0	1	0	102	36	1116
	(3) Canongate, –	30169	33183	1205	1328	278	1088	2	0	8	1	149	32	1280
	(4) St Giles, –	29679	31960	1192	1103	305	1005	0	3	5	0	151	82	1246
	(5) Newington, –	29797	41079	1377	941	479	1253	9	4	1	1	142	23	1433
686	Fala and Sou'ra, – – –	382	364	13	3	2	10	0	0	0	0	1	0	11
687	Glencross, – – –	1217	1153	24	14	2	34	0	3	0	0	3	1	41

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1871.
	EDINBURGH—*continued.*													
688	Heriot, – – – –	407	414	23	2	5	14	0	1	0	0	1	0	16
689	INVERESK, – – –	9518	10068	362	247	56	289	1	0	0	0	32	6	328
690	Kirknewton and East-Calder,– –	1549	2213	84	56	26	74	3	0	0	0	9	4	90
691	Lasswade, – – –	5688	7098	260	152	53	223	0	0	0	0	31	8	262
692	LEITH—(1) North Leith, – –	11562	16582	643	429	151	540	4	1	1	0	74	15	635
	(2) South Leith, – –	24467	29852	1172	908	293	1006	15	6	3	0	124	63	1217
693	Liberton, – – – –	3510	3791	107	120	28	111	1	0	0	0	15	0	127
694	Mid-Calder, – – –	1389	3634	63	34	13	51	1	0	0	0	6	2	60
695	Newbattle, – – –	2138	2424	88	39	13	89	0	0	0	0	9	0	98
696	Newton, – – – –	1553	1181	39	31	11	38	0	0	0	0	4	0	42
697	Penicuik, – – – –	3249	3765	127	92	23	100	0	0	0	0	11	1	112
698*a*	Ratho, – – – –	1659	1744	54	40	11	55	0	0	1	0	7	0	63
698*b*	Stobhill, – – – –	2364	2447	99	44	22	95	0	0	0	0	10	0	105
699	Stow, – – – –	1870	1957	53	22	15	60	0	0	0	0	4	1	65
700	Temple, – – – –	682	658	22	13	3	15	0	0	0	0	2	1	18
701	West-Calder, – – –	1927	7865	418	182	46	339	0	0	0	0	31	35	405
	26. HADDINGTON.													
702	Aberlady,– – – –	1019	1022	34	11	2	19	0	0	0	0	4	0	23
703	Athelstaneford, – – –	902	844	25	14	3	21	0	0	0	0	3	0	24
704	Bolton, – – – –	332	364	11	1	2	6	0	0	0	0	0	0	6
705	Dirleton, – – – –	1540	1419	33	29	9	25	0	0	0	0	4	0	29
706	DUNBAR, – – –	4944	4982	164	95	26	132	4	1	0	1	9	4	151
707	Garvald, – – – –	891	832	23	12	5	26	0	0	0	0	2	0	28
708	Gladsmuir, – – –	1945	1863	47	26	11	60	0	0	0	0	8	0	68
709	HADDINGTON, – – –	5548	5735	161	171	42	146	1	0	0	0	8	2	157
710	Humbie, – – – –	997	967	28	14	3	26	0	0	0	0	2	0	28
711	Innerwick, – – –	937	892	25	6	3	22	0	0	0	1	5	0	28
712	Morham, – – – –	281	204	4	1	2	6	0	0	0	0	0	0	6
713	NORTH BERWICK, – –	2071	2373	75	25	15	70	0	0	0	0	4	0	74
714	Oldhamstocks, – – –	615	592	15	11	7	12	0	0	0	0	3	0	15
715	Ormiston,– – – –	915	911	29	16	7	31	0	0	0	0	1	0	32
716	Pencaitland, – – –	1187	1320	44	15	5	46	0	0	0	0	3	0	49
717	Prestonkirk, – – –	1960	1931	59	44	12	40	1	0	0	0	2	1	44
718	Prestonpans, – – –	2080	2069	56	44	19	69	0	0	0	0	8	0	77
719	Salton, – – – –	712	647	11	7	4	12	0	0	0	0	2	0	14
720	Spott, – – – –	555	560	16	7	7	18	0	0	0	0	0	0	18

721	Stenton, – – – –	692	612	14	12	4	15	0	0	0	0	0	0	15
722	TRANENT, – – –	4647	4852	176	118	30	171	4	0	0	0	19	3	197
723	Whitekirk and Tynninghame, –	1113	1073	27	12	8	27	0	1	0	0	1	1	30
724	Whittinghame, – – –	710	657	19	6	7	24	0	0	0	0	1	1	26
725	Yester, – – – –	1033	1034	28	17	1	28	0	0	0	0	0	0	28
	27. BERWICK.													
726	Abbey St Bathans, – – –	179	195	3	1	2	8	0	0	0	0	0	0	8
727	Ayton, – – – –	2014	1983	55	27	11	50	1	0	0	0	7	2	60
728	Bunkle and Preston, – –	756	764	16	10	3	16	0	1	0	0	1	0	18
729	Channelkirk, – – –	671	705	28	12	3	16	0	0	0	0	0	0	16
730	Chirnside, – – –	1502	1413	47	25	11	41	0	1	0	0	0	0	42
731	Cockburnspath, – – –	1194	1133	32	16	6	38	0	0	0	0	1	1	40
732	Coldingham, – – –	3241	3093	97	41	17	84	0	0	0	0	7	0	91
733	Coldstream, – – –	2823	2619	70	40	10	69	0	0	0	0	7	0	76
734	Cranshaws, – – –	134	142	3	1	1	3	0	0	0	0	0	0	3
735	DUNSE, – – – –	3595	3602	91	56	16	97	0	0	0	0	9	1	107
736	Earlston, – – – –	1825	1977	56	29	7	52	0	0	0	0	4	0	56
737	Eccles, – – – –	1861	1780	43	19	10	39	0	0	0	0	6	0	45
738	Edrom, – – – –	1592	1513	36	22	9	35	0	0	0	0	1	0	36
739	Eyemouth, – – –	1804	2372	104	53	5	89	1	0	0	0	10	3	103
740	Fogo, – – – –	559	502	9	2	7	12	0	0	0	0	0	0	12
741	Foulden, – – – –	431	425	9	4	2	17	0	0	0	0	2	0	19
742	Gordon, – – – –	931	876	34	12	6	20	0	0	0	0	2	0	22
743	Greenlaw, – – –	1370	1381	36	33	4	43	0	0	0	0	0	4	47
744	Hume, – – – –	420	460	10	6	0	15	0	0	0	0	2	0	17
745	Hutton, – – – –	1067	1077	27	13	2	26	0	0	0	0	0	0	26
746	Ladykirk, – – –	564	518	11	7	5	15	0	0	0	0	0	0	15
747	Langton, – – – –	502	548	15	9	0	17	0	0	0	0	0	0	17
748	LAUDER. – – –	2198	2120	65	46	14	59	2	0	0	0	8	1	70
749	Legerwood, – – –	599	525	16	7	5	24	0	0	0	0	0	0	24
750	Longformacus, – – –	448	452	9	3	2	11	0	0	0	0	1	0	12
751	Merton, – – – –	729	734	24	11	4	27	0	0	0	0	2	0	29
752	Mordington, – – –	377	402	9	6	3	10	0	0	0	0	0	0	10
753	Neuthorn, – – –	461	434	13	6	3	11	0	0	0	0	0	0	11
754	Polwarth, – – –	251	249	4	2	0	7	0	0	0	0	0	0	7
755	Swinton, – – – –	964	996	25	17	5	28	1	0	0	0	1	1	31
756	Westruther, – – –	786	784	20	10	2	29	0	0	0	0	1	0	30
757	Whitsome, – – –	640	608	17	8	3	14	0	0	0	0	0	0	14
	28. PEEBLES.													
758	Broughton (merged in 763),													
759	Drumelzier, – – –	209	221	7	1	0	11	0	0	0	0	0	0	11
760	Eddlestone, – – –	753	700	29	9	2	23	0	0	0	0	3	0	26
761	Glenholm (merged in 763), – –													
762	Innerleithen, – – –	1787	2776	105	57	11	70	0	0	0	0	11	0	81
763	Kilbucho, Broughton, and Glenholm, –	723	729	26	16	1	26	0	0	0	0	1	0	27
764	Kirkurd, – – – –	362	294	9	1	0	5	0	0	0	0	0	0	5
765	Lyne, etc.—(1) Lyne, – –	81	104	4	2	0	3	0	0	0	0	0	0	3
	(2) Megget, – –	53	70	2	0	0	3	0	0	0	0	0	0	3

No. of District.		POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1872.			VACCINATIONS, 1871.							
									Insusceptible of Vaccine Disease.					
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	PEEBLES—*continued.*													
766	Manor, – – – –	247	271	13	8	1	9	0	0	0	0	1	0	10
767	Newlands, – – –	987	851	30	21	3	21	0	0	0	0	3	0	24
768	PEEBLES, – – –	2850	3172	95	58	27	80	0	0	0	0	6	4	90
769	Skirling, – – – –	317	325	5	5	2	10	0	0	0	0	0	0	10
770	Stobo, – – – –	478	459	21	7	1	15	0	0	0	0	1	0	16
771	Traquair, – – –	687	669	14	6	4	23	0	0	0	0	2	0	26
772	Tweedsmuir, – – –	196	190	6	5	0	3	0	0	0	0	0	0	3
773	West Linton, – – –	1534	1387	41	24	9	38	1	0	0	0	3	1	43
	29. SELKIRK.													
774*a*	Caddonfoot, – – –	610	699	17	14	3	17	0	0	0	0	1	0	18
774*b*	Ettrick, – – – –	454	434	10	3	0	16	0	0	0	0	0	0	16
775	GALASHIELS, – – –	3268	5921	219	118	41	233	1	0	0	0	33	2	269
776	Kirkhope, – – –	555	565	15	8	4	22	0	0	0	0	1	0	23
777	Roberton, – – –	640	593	20	8	3	18	0	0	0	0	0	0	18
778	SELKIRK, – – –	4646	5555	202	113	44	178	1	0	0	0	22	1	202
779	Yarrow, – – – –	574	567	14	5	6	24	0	0	0	0	1	0	25
	VIII. SOUTHERN DIVISION.													
	30. ROXBURGH.													
780	Ancrum, – – – –	1511	1391	47	21	4	32	0	0	0	0	7	0	39
781	Ashkirk, – – – –	578	550	19	3	1	19	0	0	0	0	0	0	19
782	Bedrule, – – – –	222	292	6	0	2	7	0	0	0	0	0	0	7
783	Bowden, – – – –	864	842	24	11	7	23	0	0	0	0	1	1	25
784	Castleton, – – –	3688	2202	72	32	14	70	1	0	0	0	3	0	74
785	Cavers, – – – –	1824	1443	50	26	7	38	0	0	0	0	3	0	41
786	Crailing, – – – –	673	657	19	8	2	19	0	0	0	0	4	0	23
787*a*	Eckford, – – – –	957	931	31	14	5	28	0	1	0	0	2	0	31
7 7*b*	Edgerston, – – –	359	365	15	6	1	15	0	0	0	0	3	0	18
788	Ednam, – – – –	599	613	19	7	6	16	0	0	0	0	1	0	17
789	HAWICK, – – –	8726	8733	360	176	77	239	1	0	0	0	38	4	282
790	Hobkirk, – – – –	771	718	15	4	2	20	0	0	0	0	1	0	21
791	Hownam, – – – –	289	238	7	3	1	7	0	0	0	0	2	0	9
792	JEDBURGH, – – –	5011	4971	150	68	25	140	0	0	0	0	14	3	157
793	KELSO, – – – –	5192	5124	150	111	27	131	1	0	0	0	8	0	140

794	Kirktown,	421	320	11	2	1	10	0	0	0	0	1	0	11
795	Lilliesleaf,	772	788	20	21	2	29	0	0	0	0	1	0	30
796	Linton,	608	570	14	10	2	15	0	0	0	0	2	0	17
797	Makerston,	380	361	13	2	2	9	0	0	0	0	0	0	9
798	Maxton,	497	481	9	9	3	13	0	0	0	0	1	0	14
799	Melrose—(1) Melrose,	3500	4115	129	81	26	89	2	1	0	0	13	0	105
	(2) LADHOPE.	4154	5317	241	134	60	178	1	0	3	0	36	1	219
800	Minto,	430	431	10	4	5	8	0	0	0	0	0	0	8
801	Morebattle,	1031	986	31	18	4	28	0	0	0	0	1	0	29
802	Oxnam,	592	652	24	11	5	17	0	0	0	0	0	0	17
803	Roxburgh,	1178	1053	26	13	4	25	1	0	0	0	2	0	28
804	St Boswells,	922	973	26	11	2	31	1	0	0	0	1	0	33
805	Smailholm,	554	534	16	5	5	20	0	0	0	0	2	0	22
806	Southdean,	687	674	23	12	6	11	0	0	0	0	3	0	14
807	Sprouston,	1305	1294	26	11	9	30	0	0	0	0	1	0	31
808	Stitchel,	425	388	8	8	3	10	0	0	0	0	2	0	12
809	Teviothead,	438	515	19	5	3	22	0	0	0	0	1	0	23
810	WILTON,	3357	3936	143	76	32	161	2	0	0	0	11	0	174
811	Yetholm,	1207	1100	34	26	5	36	0	0	0	0	2	0	38
	31. DUMFRIES.													
812	ANNAN,	5113	4631	174	102	35	125	0	0	0	6	11	1	143
813*a*	Applegarth,	935	902	30	11	7	35	0	0	0	0	3	0	38
813*b*	BRYDEKIRK,	779	731	14	12	2	20	0	0	0	0	1	0	21
814	Canonbie,	3219	3055	103	37	17	80	4	0	0	0	9	3	96
815	Carlaverock,	1248	1151	20	23	6	37	0	0	0	0	4	0	41
816	Closeburn,	1651	1612	58	35	11	44	0	0	0	0	2	0	46
817	Cummertrees,	1184	1072	37	15	8	27	6	1	0	0	1	0	29
818	Dalton,	679	577	17	6	2	13	0	0	0	0	0	0	13
819	Dornock,	856	826	24	22	2	28	0	0	0	0	3	1	32
820	Dryfesdale,	2509	2825	94	51	12	75	0	0	0	0	2	1	78
821	DUMFRIES,	13523	14841	460	387	101	425	3	2	0	1	64	23	518
822	Dunscore,	1554	1504	50	12	8	27	1	1	0	0	2	0	31
823	Durrisdeer,	1320	1189	31	18	7	35	0	0	0	0	1	0	36
824	Eskdalemuir,	590	551	15	2	5	9	0	0	0	0	0	0	9
825	Ewes,	356	338	11	1	2	8	0	0	0	0	0	0	8
826	Glencairn,	1867	1749	43	39	16	43	0	1	0	0	3	1	48
827	Graitney (or Gretna),	1620	1395	41	20	7	40	0	0	0	0	7	0	47
828	Halfmorton,	713	611	15	9	7	15	0	0	0	0	1	0	16
829	Hoddam,	1568	1520	56	30	9	41	0	0	0	0	3	1	45
830	Holywood,	1115	1069	26	20	6	26	2	0	0	0	2	2	32
831	Hutton,	876	842	26	15	5	21	0	0	0	0	1	0	22
832	Johnstone,	1149	1089	27	20	7	34	0	0	0	0	2	0	36
833	Keir,	849	828	24	14	5	21	0	0	0	0	1	0	22
834	Kirkconnel,	996	952	31	20	8	30	0	0	0	0	1	0	31
835	Kirkmahoe,	1462	1332	33	25	11	51	1	0	0	0	5	1	38
836	Kirkmichael,	1026	903	32	8	11	30	1	0	0	0	1	0	32
837	Kirkpatrick-Fleming—													
	(1) Northern District,	493	393	5	3	3	13	0	0	0	0	0	0	13
	(2) Southern District,	1432	1136	31	21	8	31	0	0	0	0	3	1	35

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									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	DUMFRIES—*continued.*													
838	Kirkpatrick-Juxta,	1025	1091	40	21	5	27	0	0	0	0	3	0	30
839	Langholm,	2979	3735	161	84	25	107	0	0	0	0	7	2	116
840	LOCHMABEN,	3087	3085	92	58	21	98	1	0	0	0	6	0	105
841	Middlebie,	2004	2000	56	46	11	57	0	0	0	0	5	1	63
842	Moffat,	2232	2543	72	42	12	52	0	0	0	0	2	0	54
843	Morton,	2253	2099	70	55	13	69	1	0	0	0	3	0	73
844	Mousewald,	633	647	14	4	1	19	0	0	0	0	2	1	22
845	Penpont,	1326	1323	43	25	8	37	0	0	0	0	2	0	39
846	Ruthwell,	1046	974	31	24	3	20	0	0	0	0	5	1	26
847	St Mungo,	686	658	13	5	5	17	0	1	0	0	2	0	20
848	SANQUHAR,	2758	2201	63	48	14	62	0	0	0	0	4	0	66
849	Tinwald,	1079	993	32	16	3	33	0	0	0	0	4	0	37
850	Torthorwald,	1254	1098	32	25	12	29	1	0	0	0	3	0	33
851	Tundergarth,	507	510	14	7	2	13	0	0	0	0	4	0	17
852	Tynron,	446	381	10	4	4	14	0	1	0	0	0	0	15
853*a*	Wamphray,	559	505	10	6	3	9	0	0	0	0	2	1	12
853*b*	Wanlockhead,	811	837	33	26	8	28	0	0	0	0	0	0	28
854	Westerkirk,	537	540	9	7	2	6	0	0	0	0	1	0	7
	32. KIRKCUDBRIGHT.													
855	Anwoth,	899	827	13	18	1	14	1	0	0	0	1	0	16
856	Balmaclellan,	890	861	31	10	1	26	0	0	0	0	0	0	26
857*a*	Balmaghie,	1225	1085	34	12	4	33	0	0	0	0	2	0	35
857*b*	Bargrennan,	471	428	7	1	2	10	0	0	0	0	1	0	11
858	Borgue,	1162	1087	21	15	8	36	0	0	0	0	2	0	38
859	Buittle,	1165	1026	23	12	3	39	0	0	0	0	2	0	41
860	Carsphairn,	553	545	15	6	9	18	0	0	0	0	0	1	19
861	Colvend,	1366	1318	50	24	13	27	0	0	0	0	7	0	34
862	Corsock-Bridge,	544	563	21	11	5	14	0	0	0	0	0	0	14
863	Crossmichael,	1536	1492	47	24	11	31	0	0	0	0	3	1	35
864	Dalbeattie,	2054	3163	113	71	23	100	0	0	0	0	11	0	111
865	Dalry,	1149	1074	19	19	10	25	0	0	0	0	4	1	30
866	Girthon,	1702	1586	36	26	7	35	0	1	0	0	6	0	42
867	Irongray,	913	815	29	11	4	21	0	1	0	0	3	0	25
868	KELLS,	1170	1007	31	20	8	25	0	0	0	0	3	0	28
869	KELTON,	3436	3222	92	54	18	94	0	0	0	0	9	2	105
870	Kirkbean,	942	825	20	13	3	20	0	0	0	0	3	2	25

871	KIRKCUDBRIGHT, – –	3407	3346	91	59	10	82	3	0	0	0	6	0	91
872	Kirkgunzeon, – – –	793	661	18	12	1	24	0	0	0	0	2	0	26
873	Kirkmabreck, – – –	1851	1568	57	38	12	37	0	1	0	0	2	1	41
874	Kirkpatrick-Durham, – –	1323	1218	32	19	5	34	1	0	0	0	2	1	38
875	Lochrutton, – – –	677	656	20	14	2	15	0	0	0	0	3	0	18
876	Minnigaff, – – –	1518	1329	39	32	9	38	1	0	0	0	0	1	40
877	New Abbey, – – –	1063	931	33	19	3	22	0	0	0	0	2	0	24
878	Parton, – – – –	572	526	13	4	2	11	0	0	0	0	2	0	13
879	Rerrick, – – – –	1738	1911	57	28	13	33	0	0	0	0	3	0	36
880	TERREGLES, – – –	580	547	4	14	1	7	0	0	0	0	1	1	9
881	Tongland, – – –	892	902	22	10	6	27	0	0	0	0	1	0	28
882	TROQUEER, – – –	4743	5408	166	130	30	159	4	1	0	0	16	7	187
883	Twynholm, – – –	815	717	18	19	4	13	0	0	0	0	0	0	13
884	Urr, – – – –	1531	1443	50	28	9	43	1	0	0	0	2	1	47
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885	Glasserton, – – –	1472	1196	46	15	3	31	0	0	0	0	4	0	35
886	Inch, – – – –	2460	2189	57	31	11	41	0	0	0	0	1	0	42
887	Kirkcolm, – – –	1860	1948	53	26	5	49	0	0	0	0	3	0	52
888	Kirkcowan, – – –	1434	1352	42	21	4	32	0	0	0	0	5	4	41
889	Kirkinner, – – –	1716	1548	38	23	9	29	0	0	0	0	2	0	31
890	Kirkmaiden, – – –	2333	2507	77	43	12	67	1	3	0	0	6	0	77
891	Leswalt, – – – –	1417	1249	36	19	6	32	0	0	0	0	4	1	37
892	Mochrum, – – –	2694	2450	63	39	20	71	1	3	0	0	5	2	82
893	New Luce, – – –	731	661	23	14	9	23	0	0	0	0	3	0	26
894	Old Luce (or Glenluce), – –	2800	2449	90	38	13	66	3	0	0	0	8	0	77
895	PENNINGHAME, – – –	3876	3712	103	86	30	92	0	1	0	0	14	9	116
896	Portpatrick, – – –	2189	1492	46	22	5	30	0	1	0	0	5	0	36
897	Sorbie, – – – –	1814	1667	41	29	10	43	1	0	0	0	3	0	47
898	Stoneykirk, – – –	3228	2993	99	49	21	74	1	0	0	0	4	0	79
899	STRANRAER, – – –	6315	5977	200	138	31	159	0	0	0	0	11	5	175
900	WHITHORN, – – –	2934	2906	73	53	13	84	0	0	0	0	4	1	89
901	WIGTOWN, – – –	2637	2306	73	55	7	51	0	0	0	0	6	0	57

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NINETEENTH

ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

ON THE

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

SCOTLAND

DURING THE

YEAR 1873;

AND

NINTH ANNUAL REPORT

ON

VACCINATION.

Presented to both Houses of Parliament by Command of Her Majesty.

EDINBURGH:
PRINTED BY MURRAY AND GIBB,
FOR HER MAJESTY'S STATIONERY OFFICE.
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REPORT.

TO THE

RIGHT HON^BLE. R. ASSHETON CROSS, M.P.,

Her Majesty's Principal Secretary of State for the Home Department.

GENERAL REGISTRY OFFICE OF BIRTHS, ETC.,
EDINBURGH, *4th May* 1874.

SIR,

IN conformity with the requirements of the 7th Section of the Scottish Registration Act (17 and 18 Vict. cap. 80), I have the honour to submit to you, in order that the same may be laid before Parliament, a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1873.

In accordance, also, with the 19th Section of the Scottish Vaccination Act (26 and 27 Vict. cap. 108), I have to submit to you the Ninth Annual Report on Vaccination, which refers to the Vaccination of children whose births were registered in Scotland during the year 1872.

I have the honour to be,

SIR,

Your most obedient Servant,

W. PITT DUNDAS,

Registrar-General.

REPORT TO THE REGISTRAR-GENERAL,

BY JAMES STARK, M.D., F.R.S.E.

SIR,

THIS Report refers to the Births, Deaths, and Marriages which were registered during the past year 1873 in the 1022 Districts into which Scotland was divided for the purposes of Registration. It has also reference to the Vaccination of the children whose births were recorded during the year 1872.

119738 Births, 76857 Deaths, and 26730 Marriages were entered on the Registers of Scotland during the year 1873, which numbers give the proportion of 34·9 births, 22·4 deaths, and 7·8 marriages in every thousand persons of the estimated population. It thus appears that, during the past year, the births have been at much the same rate as during the ten previous years, while the deaths have been greatly below the average, and the marriages just as much above the average.

In last Report, allusion was made to the advantage of dividing the Districts of Scotland into Five Groups, according to the sizes of the Towns in three of the Groups, and according as the remaining Rural Districts were on the Mainland or the Islands. In this and all subsequent Reports, till another Census of the population shall be taken, this grouping of the Districts will be adhered to, as it aids greatly in the investigation of those causes which affect the sanitary condition of the people in the several groups.

TABLE I.—Population estimated to the middle of each year, with the number of Births, Deaths, and Marriages registered in Scotland during each of the years 1855 to 1873, and their proportion to the Population; also the excess of Births over Deaths, the number of Illegitimate Births, and their proportion to the total Births.

YEAR.	Estimated Population.	BIRTHS.		DEATHS.	MARRIAGES.	Excess of Births over Deaths.	Per centage to Population.			Per cent. of Illeg to Total Births.
		Total.	Illegit.				Births.	Deaths.	Marriages.	
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	3·1491	2·0820	0·6608	7·8
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3·3988	1·9537	0·6923	8·5
1857	3,012,310	103,415	8,869	61,906	21,369	41,509	3·4331	2·0551	0·7094	8·5
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3·4356	2·0986	0·6492	8·9
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3·5026	2·0288	0·6969	9·1
1860	3,054,738	105,629	9,736	68,170	21,225	37,359	3·5578	2·2316	0·6948	9·2
1861	3,069,404	107,009	9,929	62,341	20,896	44,668	3·4863	2·0310	0·6808	9·2
1862	3,097,009	107,069	10,376	67,195	20,597	39,874	3·4572	2·1697	0·6651	9·7
1863	3,126,879	109,341	10,948	71,481	22,234	37,860	3·4968	2·2860	0·7160	10·0
1864	3,156,021	112,333	11,197	74,416	22,725	37,917	3·5594	2·3579	0·7200	9·9
1865	3,185,437	113,070	11,262	70,891	23,611	42,179	3·5496	2·2255	0·7412	9·9
1866	3,215,129	113,667	11,673	71,348	23,688	42,319	3·5354	2·2191	0·7367	10·2
1867	3,245,098	114,044	11,148	69,068	22,618	44,976	3·5063	2·1284	0·6970	9·7
1868	3,275,350	115,514	11,354	69,416	21,856	46,098	3·5267	2·1193	0·6673	9·8
1869	3,305,885	113,354	11,066	75,875	22,144	37,479	3·4288	2·2951	0·6698	9·7
1870	3,336,707	115,390	11,108	74,165	23,854	41,225	3·4582	2·2227	0·7149	9·6
1871	3,367,922	116,127	11,073	74,644	23,966	41,483	3·4481	2·2163	0·7116	9.5
1872	3,399,226	118,873	10,817	75,741	25,580	43,132	3·4971	2·2282	0·7525	9·1
1873	3,430,923	119,738	10,804	76,857	26,730	42,881	3·4897	2·2401	0·7791	9·0

BIRTHS.

119738 Births were registered in Scotland during the year 1873, being at the rate of 349 births in every ten thousand persons, or 3·49 per cent. This was the mean birth-rate of the ten previous years; so that, though the actual number of births is 865 above that of last year, and is the highest

TABLE II.—Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1863 to 1873 inclusive.

	1863.		1864.		1865.		1866.		1867.		1868.		1869.		1870.		1871.		1872.		Mean per cent. Ten Years.	1873.	
	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.		No.	Per cent.
FIRST QUARTER.																							
Births, ...	26733	3·42	28049	3·55	28594	3·60	28883	3·59	27952	3·44	28697	3·50	28428	3·44	28665	3·44	28902	3·43	29506	3·47	3·488	30210	3·52
Deaths, ...	19229	2·46	22605	2·86	20804	2·62	19095	2·37	19977	2·46	18042	2·20	20429	2·47	22198	2·66	19756	2·34	21245	2·50	2·494	21443	2·50
Marriages, ...	5126	0·65	5346	0·67	5416	0·68	5642	0·70	5356	0·67	5287	0·64	5307	0·64	5647	0·67	5415	0·64	5820	0·68	0·664	6618	0·77
Mean Temperat.	40°·9		35°·7		35°·3		38°·0		36°·5		40°·6		40°·0		36°·9		39°·1		40°·7		38°·37	38°·1	
SECOND QUARTER.																							
Births, ...	29655	3·79	29964	3·79	30318	3·81	29808	3·71	30375	3·74	30983	3·78	29450	3·56	30636	3·67	30583	3·63	30726	3·61	3·709	31283	3·64
Deaths, ...	17963	2·29	18473	2·34	17074	2·15	18575	2·31	17475	2·15	16958	2·07	19492	2·35	18027	2·15	18715	2·22	19045	2·24	2·227	19931	2·32
Marriages, ...	5594	0·71	5723	0·72	5707	0·72	6034	0·75	5627	0·69	5661	0·69	5611	0·67	5770	0·69	5946	0·70	6398	0·75	0·709	6690	0·78
Mean Temperat.	49°·0		48°·9		51°·5		49°·3		49°·0		51°·0		48°·4		51°·0		48°·7		49°·2		49°·70	49°·2	
THIRD QUARTER.																							
Births, ...	26366	3·37	27095	3·42	27306	3·40	27204	3·38	27870	3·43	28354	3·46	27637	3·33	28263	3·39	28689	3·40	29181	3·43	3·401	28975	3·38
Deaths, ...	16273	2·11	16159	2·05	15924	2·00	15470	1·92	15125	1·86	16659	2·03	16528	2·00	16573	2·03	16835	2·00	16692	1·96	1·996	17072	1·99
Marriages, ...	4900	0·62	5005	0·63	5343	0·67	5104	0·63	5071	0·62	4704	0·57	4885	0·59	5318	0·63	5424	0·64	5891	0·69	0·629	5816	0·68
Mean Temperat.	53°·9		54°·5		57°·5		54°·4		55°·2		57°·4		56°·4		57°·1		56°·3		55°·8		55°·85	55°·4	
FOURTH QUARTER.																							
Births, ...	26587	3·40	27185	3·44	26852	3·38	27772	3·45	27847	3·43	27480	3·35	27339	3·37	27826	3·26	27953	3·32	29460	3·46	3·386	29270	3·41
Deaths, ...	18016	2·30	17179	2·17	17089	2·15	18210	2·26	16491	2·03	17757	2·17	19426	2·34	17367	2·08	19338	2·29	18759	2·20	2·199	18411	2·15
Marriages, ...	6614	0·84	6651	0·84	7145	0·89	6908	0·85	6564	0·81	6203	0·77	6341	0·76	7119	0·85	7181	0·85	7471	0·88	0·834	7606	0·88
Mean Temperat.	43°·6		42°·0		43°·4		43°·5		42°·3		41°·5		40°·9		39°·6		41°·3		41°·8		41°·99	42°·7	
YEAR.																							
Population, ...	3126379		3156021		3185437		3215129		3245098		3275350		3305885		3336707		3367922		3399226			3430923	
Births, ...	109341	3·49	112333	3·56	113070	3·56	113667	3·53	114044	3·51	115514	3·53	113354	3·43	115390	3·46	116127	3·45	118873	3·49	3·499	119738	3·49
Deaths, ...	71481	2·28	74416	2·36	70891	2·23	71350	2·22	69068	2·13	69416	2·12	75875	2·29	74165	2·22	74644	2·22	75741	2·22	2·229	76857	2·24
Marriages, ...	22234	0·71	22725	0·72	23611	0·74	23688	0·73	22618	0·69	21855	0·66	22144	0·67	23854	0·71	23966	0·71	25580	0·75	0·709	26730	0·78

which has ever been registered in Scotland, the increase is solely due to the general increase of the population.

The proportion of births to the population was very different in the Five Groups of Districts into which Scotland is now divided (Tables IV. and V.). It may be explained that the Principal Town Districts include the Eight Principal Towns of Scotland, the smallest of which has above 25,000 inhabitants. The Large Town Districts include the Towns each of which at the Census of 1871 contained from 10,000 to 25,000 inhabitants. The Small Town Districts contain Towns with from 2000 to 10,000 inhabitants. The Mainland-Rural and Insular-Rural Districts contain the remainder of the population, classed according as the Districts are situated on the Mainland or on the Islands.

Of the 119738 births registered in Scotland in 1873, 41506 were registered in the Principal Towns, 14104 in the Large Towns, 28819 in the Small Towns, 31944 in the Mainland-Rural, and 3365 in the Insular-Rural Groups of Districts. This indicates that, for every ten thousand persons in each of these Groups of Districts, 373 births occurred in the

TABLE III.—Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1873, and their Proportion to the estimated Population.

DIVISIONS.	POPULATION.		BIRTHS.		DEATHS.		MARRIAGES.	
	Census 1861.	Census 1871.	Number.	Per Cent. to Pop.	Number.	Per Cent to Pop.	Number.	Per Cent. to Pop.
Northern . .	130,422	127,191	3070	2·43	2068	1·63	623	0·49
North-Western .	167,242	166,351	4259	2·56	2829	1·70	729	0·44
North-Eastern .	366,870	391,199	12657	3·17	6785	1·70	2542	0·63
East Midland .	523,822	559,676	18540	3·26	11702	2·06	4161	0·73
West Midland .	242,487	251,088	8311	3·28	5525	2·18	1708	0·67
South-Western .	1,008,273	1,183,218	50245	4·10	33775	2·75	11576	0·75
South-Eastern .	408,962	470,206	16567	3·37	10240	2·08	4020	0·82
Southern . .	214,216	209,089	6089	3·01	3933	1·94	1371	0·68

TABLE IV.—Births, Illegitimate Births, Deaths, and Marriages, in the Five New Registration Groups of Town, Rural, and Insular Districts in Scotland in 1873.

FIVE NEW GROUPS OF DISTRICTS.	POPULATION estimated to the Middle of 1873.			BIRTHS.			ILLEGITIMATE BIRTHS.	DEATHS.			MARRIAGES.
	Males.	Females.	Both Sexes.	Both Sexes.	Males.	Fem.		Both Sexes.	Males.	Fem.	
Principal Towns	526,046	588,861	1,114,907	41,506	21,241	20,265	3,783	30,004	15,223	14,781	10,596
Large Towns . .	166,945	180,441	347,386	14,104	7,291	6,813	990	9,344	4,797	4,547	3,181
Small Towns . . .	378,512	412,869	791,381	28,819	14,899	13,920	2,381	17,213	8,807	8,406	6,077
Mainland-Rural . .	507,720	538,563	1,046,283	31,944	16,360	15,584	3,466	18,137	9,178	8,959	6,287
Insular-Rural . .	60,568	70,380	130,966	3,365	1,741	1,624	184	2,159	1,023	1,136	589
SCOTLAND . .	1,639,809	1,791,114	3,430,923	119,738	61,532	58,206	10,804	76,857	39,028	37,829	26,730

N.B.—The Principal Town Districts contain towns with above 25,000 inhabitants; the Large Town Districts contain towns with from 10,000 to 25,000 inhabitants, and also the suburbs of Glasgow; the Small Town Districts contain towns with from 2,000 to 10,000 inhabitants; and the Mainland Rural and Insular-Districts contain the remainder of the inhabitants of Scotland.

Principal Towns, 406 in the Large Towns, 373 in the Small Towns, 305 in the Mainland-Rural, and 257 births only in the Insular-Rural Districts.

It is a fact which merits attention that for three years the proportion of births to the population in the Principal Town Districts has been falling off, so that for two years it has actually been below that of the Large Towns. For the ten years 1861–1870 the Principal Towns had a birth-rate of 389 births to every ten thousand persons, while the Large Towns had only the proportion of 369 births to every ten thousand persons. In 1871, however, the birth-rate of the Principal Towns had fallen to 376 births in every ten thousand persons; in 1872, it was at the rate of 381 births; and, during the past year, at the rate of 373 births only. The proportion in the Large Towns has, on the other hand, been increasing. Thus, in 1871, the proportion of births in the Large Towns was 375 births to every ten thousand persons; in 1872, it was 390 births to a like population; and, during the past year, it had risen to 406 births to every ten thousand persons. The causes of these striking changes in the proportions of the births are well worthy of being investigated.

Of the 119738 births, 108934 were legitimate, and 10804 illegitimate. This shows that 9 per cent. of the births were illegitimate. As usual, the proportion of illegimate births was lowest in the Insular-Rural, next lowest in the Large and Small Town Districts, and highest in the Main-

TABLE V.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes; Percentage of Illegitimate to Total Births, and Proportion of Boys to Girls at Birth, in the Five New Groups of Registration Districts in 1873.

NEW REGISTRATION GROUPS OF DISTRICTS.	Percentage to Population in 1873.							Percentage of Illegitimate to Total Births.	Proportion of Boys to every 100 Girls at Birth.
	BIRTHS.			DEATHS.			MARRIAGES.		
	Males.	Females	Both Sexes.	Males.	Females	Both Sexes.			
Principal Towns . .	4·04	3·44	3·73	2·89	2·51	2·69	0·95	9·1	104·8
Large Towns . . .	4·37	3·78	4·06	2·87	2·52	2·69	0·92	7·0	107·0
Small Towns . .	3·94	3·37	3·73	2·32	2·04	2·17	0·77	8·2	107·0
Mainland-Rural . .	3·22	2·89	3·05	1·81	1·66	1·73	0·60	10·8	105·0
Insular-Rural . .	2·88	2·31	2·57	1·69	1·61	1·65	0·45	5·4	107·2
SCOTLAND . . .	3·75	3·25	3·49	2·38	2·11	2·24	0·78	9·0	105·7

TABLE VI.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, in 1873.

DIVISIONS.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.
SCOTLAND.	9·0	Shetland	4·0	Forfar	11·1	Lanark	7·8
		Orkney	6·0	Perth	9·9	Linlithgow	8·3
NORTHERN DIVISION	7·2	Caithness	10·8	Fife	7·3	Edinburgh	7·9
NORTH-WESTERN Do.	6·3	Sutherland	6·5	Kinross	10·0	Haddington	8·9
NORTH-EASTERN Do.	14·2	Ross & Cromarty	4·0	Clackmannan	6·4	Berwick	10·1
EAST-MIDLAND Do.	9·5	Inverness	8·4	Stirling	7·5	Peebles	9·1
WEST-MIDLAND Do.	6·9	Nairn	5·2	Dumbarton	5·9	Selkirk	8·5
SOUTH-WESTERN Do.	7·7	Elgin	15·8	Argyll	7·1	Roxburgh	11·4
SOUTH-EASTERN Do.	8·3	Banff	15·3	Bute	6·8	Dumfries	15·5
SOUTHERN Do.	15·4	Aberdeen	14·0	Renfrew	6·8	Kirkcudbright	17·4
		Kincardine	13·7	Ayr	7·7	Wigtown	18·4

land-Rural Group of Districts. Thus, only 5·4 per cent. of the births were illegitimate in Insular-Rural Districts; 7·0 per cent. in the Large Towns; 8·2 per cent. in the Small Towns; 9·1 per cent. in the Principal Towns; but 10·8 per cent. in the Mainland-Rural Districts.

It will be seen by Table VI. that while the proportion of illegitimate births in the several Divisions and Counties of Scotland bore a close correspondence with that of former years, it exhibited in 1873 a difference for which it is difficult to account. In former years, the Northern Division always stood at the head of the list as that in which the proportion of illegitimate births was smallest. But in 1873, in consequence of the high proportion of illegitimate children in Caithness, viz. 10·8 per cent., the North-Western and the West-Midland Divisions had each a smaller proportion of illegitimate Births, viz. the North-Western, 6·3 per cent., and the West-Midland Division, 6·9 per cent., while the Northern Division had 7·2 per cent. of illegitimate births. Nine Counties had above per 11 cent. of illegitimate births, viz. Forfar, 11·1 per cent.; Roxburgh, 11·4; Kincardine, 13·7; Aberdeen, 14·0; Banff, 15·3; Elgin and Dumfries, each 15·8; Kirkcudbright, 17·4; and Wigtown, 18·4 per cent.

Of the 119738 children born during the year, 61532 were boys and 58206 girls. This gives the proportion of 105·7 boys for every 100 girls at birth. This is a somewhat lower proportion of boys than during the two previous years, when the proportion was 107 boys at birth for every 100 girls; but it is still above the English proportion and that of the Continent of Europe.

The highest proportion of births were registered during the months of April and May, when 351 births occurred daily; the lowest proportion during the months of August and November, during each of which only 301 births occurred daily.

DEATHS.

76857 Deaths were registered in Scotland during 1873, indicating the high proportion of 224 deaths in every ten thousand persons, or 2·24 per

TABLE VII.—Births, Deaths, and Marriages, and their Proportion to the Population, in the Eight Principal Towns of Scotland, during each of the Years 1855–1873.

YEARS.	Population estimated to the middle of each year.	BIRTHS.		DEATHS.		MARRIAGES.	
		Number.	Per cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population.
1855	827,558	28,113	3·39	22,706	2·74	6,937	0·84
1856	837,540	31,719	3·78	22,254	2·65	7,507	0·89
1857	847,522	32,764	3·85	23,363	2·75	7,476	0·88
1858	857,504	32,563	3·79	23,445	2·73	6,865	0·80
1859	867,486	33,027	3·80	22,352	2·56	7,554	0·87
1860	877,468	32,958	3·75	26,066	2·97	7,688	0·87
1861	889,133	34,351	3·86	23,149	2·60	7,753	0·87
1862	906,042	34,436	3·81	24,960	2·76	7,724	0·87
1863	923,276	35,888	3·88	27,045	2·93	8,544	0·85
1864	940,840	37,058	3·94	28,845	3·07	8,897	0·92
1865	958,731	38,109	3·97	28,515	2·90	9,347	0·94
1866	976,986	38,541	3·94	27,466	2·81	9,458	0·96
1867	995,583	39,012	3·96	26,519	2·69	8,870	0·90
1868	1,014,536	39,492	3·89	28,037	2·76	8,589	0·86
1869	1,033,853	39,517	3·82	31,477	3·04	9,156	0·88
1870	1,053,542	40,452	3·83	28,508	2·70	9,733	0·92
1871	1,073,608	40,444	3·76	31,385	2·92	9,815	0·91
1872	1,094,061	41,657	3·81	30,186	2·76	10,445	0·95
1873	1,114,907	41,504	3·73	30,004	2·69	10,596	0·95

The numbers for 1871, 1872, and 1873, are made up from the Quarterly Returns; the remainder from the Detailed Annual Reports, where the figures are corrected.

cent. This is slightly above the mean of the ten previous years, which was at the rate of 223 deaths to every ten thousand persons, or 2·23 per cent. It is a remarkable fact, that since 1861 the death-rate in Scotland has been above the mean of previous years, and apparently exhibits no signs of falling; and this increased mortality has been traceable through almost all the diseases to which our race is liable, but has been more remarkably conspicuous in the inflammatory affections of the Respiratory Organs and in Heart and Brain Diseases.

The Five Groups of Districts showed the usual striking differences in their death-rates during the year 1873. Thus, for every ten thousand persons in each of the Five Groups of Districts, there occurred in the proportion of 269 deaths in the Principal and Large Towns, 217 deaths in the Small Towns, 173 deaths in the Mainland-Rural Districts, and 165 deaths in the Insular-Rural Districts.

MARRIAGES.

During the past year, 26730 Marriages were registered in Scotland, being at the high rate of 78 marriages in every ten thousand persons of the population. This is the highest proportion of marriages which has ever occurred in Scotland, the highest proportion previously having been in 1872, when 75 marriages were celebrated for every ten thousand persons; but this also was high above the average marriage-rate, which for the ten previous years was only at the rate of 70 marriages in every ten thousand persons.

The proportion of marriages in each of the Five Groups of Districts differed as much as that of the births and deaths. Thus, for every ten thousand persons in each of these groups, there occurred 95 marriages in the Principal Towns, 92 in the Large Towns, 77 in the Small Towns, 60 in the Mainland-Rural, and 45 in the Insular-Rural Districts.

EIGHT PRINCIPAL TOWNS OF SCOTLAND.

In order that the Government, the local authorities, and the public may receive early information as to the birth, death, and marriage-rates, and also as to the diseases which prevail among those great masses of the people which are collected in the Eight Principal Towns of Scotland, Weekly and Monthly Reports are regularly issued from the General Registry Office. The former merely give the number of the births, deaths, and marriages registered in Glasgow, Edinburgh, Dundee, Aberdeen, Greenock, Paisley, Leith, and Perth; while the latter Reports give, in addition, the particulars as to the ages of the persons who died, and the diseases which proved fatal. Both returns embrace Meteorological Observations made in each Town for the period to which the Return applies, so that the influence of weather on the health of the people can be instantly traced. As the populations of these Towns amount very nearly to a third of that of the inhabitants of Scotland, and as the occupations of the people in each are very different, it is believed that these Returns give a very fair view of the sanitary condition of the people over Scotland, seeing that it is hardly possible that an outbreak of any epidemic or other disease could for any length of time affect a considerable portion of the population without making its existence known in one or other of these Eight Towns.

BIRTHS IN THE EIGHT TOWNS.

41504 Births were registered in the Eight Towns during the year 1873, which gives the proportion of 373 births in every ten thousand persons of the estimated population, or 3·73 per cent. A reference to Table VII. shows that the proportion of births in these Towns had been diminishing since 1867, when they were at the high rate of 396 births for every ten thousand persons. As this result has come about in the face of an increased marriage-rate during that period, the decrease in the births cannot be ascribed to a diminution in the number of married women capable of bearing children; and it would repay investigation to enquire whether the increased high wages of the working classes during these latter years has not hurt instead of benefiting them, and lowered their social and sanitary condition by causing them to spend a larger sum on intoxicating drinks and tobacco,—agents whose abuse is known to conduce to sterility.

In the several Towns, the birth-rate varied considerably, having been lowest in Perth and highest in Greenock. (Table VIII.) Thus, for every ten thousand persons in each Town, there occurred 282 births in Perth, 326 in Edinburgh, 337 in Aberdeen, 384 in Leith, 386 in Dundee, 387 in Paisley, 391 in Glasgow, and 418 in Greenock.

Of the 41504 births in these Eight Towns, 3775 were illegitimate, which indicates that 9·1 per cent. of the births were illegitimate. The proportion of the illegitimate births in the several Towns varied greatly. Thus, in Leith, only 5·7 per cent. of the births were illegitimate; in Greenock, 6·2 per cent.; in Paisley, 6·8; in Edinburgh, 8·3; in Perth, 8·9; in Glasgow, 9·4; in Aberdeen, 10·3; but in Dundee 12·0 per cent. of the births were illegitimate.

Of the children born during the year, 21224 were boys, and 20280 girls, showing that 104·7 boys were born for every 100 girls. This was a proportion of boys far below that which occurred in the Large and Small Towns.

TABLE VIII.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1873, in each of the Principal Towns of Scotland; also the Illegitimate Births, and their Proportion to the Total Births.

Towns.	Population estimated to the middle of 1873.	BIRTHS.		ILLEGIT. BIRTHS.		DEATHS.		MARRIAGES.	
		Number.	Per Cent. to Pop.	Number.	Per Cent. to Total Births.	Number.	Per Cent. to Pop.	Number.	Per Cent. to Pop.
Glasgow	498,697	19493	3·91	1830	9·4	14494	2·91	4911	0·99
Edinburgh	208,322	6785	3·26	565	8·3	4577	2·19	1960	0·94
Dundee	128,250	4952	3·86	594	12·0	3280	2·56	1229	0·96
Aberdeen	91,626	3087	3·37	317	10·3	2120	2·31	725	0·79
Greenock	64,029	2680	4·18	167	6·2	2224	3·47	554	0·87
Paisley	48,437	1875	3·87	127	6·8	1588	3·28	520	1·07
Leith	49,099	1885	3·84	108	5·7	1084	2·21	487	0·99
Perth	26,447	747	2·82	67	8·9	637	2·41	210	0·79

N.B.—The Tables referring to the Eight Towns are made up from the Monthly Returns, and we have not the means of correcting the discrepancies between them and the Quarterly Returns, as the Registration Books are not received at this office till many months after the close of the year.

DEATHS IN THE EIGHT TOWNS.

30004 Deaths were registered in the Eight Towns during 1873, being in the proportion of 269 deaths in every ten thousand persons. The mean death-rate in these Towns during the ten previous years was 2·99 deaths, so that the mortality during 1873 has been considerably under the average of these ten years.

As is usual, the mortality was far from uniform in the several Towns, having been lowest in Edinburgh and highest in Greenock. Thus, for every ten thousand persons in each Town, there occurred 219 deaths in Edinburgh, 221 in Leith, 231 in Aberdeen, 241 in Perth, 256 in Dundee, 291 in Glasgow, 328 in Paisley, but the enormously high proportion of 347 deaths in Greenock. When these proportions for each Town are compared with those which occurred during the ten previous years (as shown in Table IX.) it appears that Paisley and Greenock alone were above their average death-rates, while all the other Towns were below them.

It is always interesting to see how the mortality affected the children under five years of age in each of these Towns. Table X. shows the facts on this point. If we take the proportion of deaths which occurred among the total children in each Town who were under five years of age, Perth stands at the head of the list as the Town with the least infantile mortality, Greenock at the bottom, as the Town which had the highest infantile death-rate. Thus, of every thousand children under five years of age in each of these Eight Towns, Perth, during the year, lost 45·1 by death; Aberdeen, 59·9; Edinburgh, 61·0; Leith, 65·1; Dundee, 76·0; Paisley 88·2; Glasgow, 96·9; and Greenock, 106·6.

TABLE IX.—Percentage of Deaths to the Population in each of the Eight Principal Towns of Scotland, during each of the Years 1863-1873.

Towns.	Percentage of Deaths to the Population.											
	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	Mean of Ten Years.	1873.
Glasgow	3·22	3·25	3·25	2·93	2·82	3·04	3·37	2·96	3·29	2·87	3·10	2·91
Edinburgh	2·59	2·60	2·65	2·58	2·52	2·48	2·77	2·37	2·69	2·67	2·59	2·19
Dundee	2·78	3·09	2·91	2·95	2·71	2·60	3·09	2·69	2·74	2·79	2·83	2·56
Aberdeen	2·27	2·73	2·48	2·86	2·20	2·41	2·09	2·21	2·25	2·35	2·38	2·31
Greenock	3·99	3·97	3·34	2·88	2·69	3·02	3·09	2·86	3·01	2·73	3·16	3·47
Paisley	2·55	3·19	2·95	2·81	2·78	2·54	3·01	2·80	2·94	2·95	2·85	3·28
Leith	2·39	2·37	2·36	2·24	2·51	2·24	2·63	2·32	2·31	2·79	2·42	2·21
Perth	2·49	2·94	2·77	2·33	2·16	2·38	2·62	2·43	2·08	2·22	2·44	2·41

TABLE X.—Deaths of Children under 5 Years of age in each of the Eight Principal Towns of Scotland during the Year 1873.

TOWNS.	Number of Living Children under 5 years in 1873.	Deaths under 5 years of age.	Percentage of Deaths under 5 years.	Percentage of Deaths under 5 years to the Total Deaths.
Glasgow	68,048	6592	9·69	45·4
Edinburgh	25,693	1567	6·10	34·2
Dundee	17,866	1358	7·60	41·4
Aberdeen	12,820	768	5·99	36·3
Greenock	9,535	1016	10·66	45·7
Paisley	6,427	567	8·82	35·6
Leith	7,290	474	6·51	43·7
Perth	3,172	143	4·51	22·5

If, on the other hand, the Eight Towns were arranged according to their smallest proportion of infantile deaths as compared with the total deaths, Perth would still head the list as the Town with the smallest proportion, while Greenock would stand at the bottom of the list as the Town with the highest proportion. Thus, in Perth, only 22·5 per cent. of the deaths were under five years of age; in Edinburgh, 34·2 per cent.; in Paisley, 35·6 per cent.; in Aberdeen, 36·3 per cent.; in Dundee, 41·4 per cent.; in Leith, 43·7 per cent.; in Glasgow, 45·4 per cent.; and in Greenock, 45·7 per cent.

The Zymotic, or Epidemic and Contagious, Class of Diseases always constitutes a very high proportion of the deaths. In the Eight Towns, during 1873, this class of diseases cut off 6435 persons, and thus constituted 21·65 per cent. of the total mortality, or proved fatal to 58·3 persons in every ten thousand of the population of these Towns.

The relative mortality from this class of disease varied greatly in each of the Eight Towns. Thus, in Perth, only 13·76 per cent. of the deaths were caused by the Zymotic class of diseases; in Edinburgh, 16·49 per cent.; in Leith, 20·22 per cent.; in Glasgow, 21·67 per cent.; in Aberdeen, 21·83 per cent.; in Dundee, 22·71 per cent.; in Paisley, 25·10 per cent.; and in Greenock, 31·27 per cent.

It has often been pointed out in these Reports that it is not the same epidemic disease which prevails or takes the lead in all the Towns; so that the mere knowledge that one Town exceeds another in its death-rate from the Zymotic class of diseases, may lead us far astray as to the real healthiness of the Town. Much depends on the kind of epidemic which is prevalent, for the mortality of every epidemic varies; some being always at least twice as fatal as others. Let us, therefore, see what was the epidemic disease which took the lead and was the most fatal in each of the Eight Towns during 1873.

In Glasgow, Measles and Scarlatina were the most prevalent and most fatal of the epidemics, the first causing 4·37 per cent. of the deaths, the latter 4·04 per cent. After them came Diarrhœa, causing 3·09 per cent. of the deaths, and then Fever, causing 2·47 per cent.

In Edinburgh, on the other hand, Fever was by far the most prevalent and fatal of the epidemics, causing 3·49 per cent. of the deaths; after which came Diarrhœa, which caused 3·07 per cent., and Measles, which caused 2·87 per cent. of the deaths. The respective death-rates of Hooping-cough and Scarlatina were comparatively trifling.

In Dundee, by far the highest proportional mortality resulted from Diarrhœa, which furnished the very high proportion of 6·68 per cent. of the deaths. Fever was the second most fatal of the epidemics, causing 3·39 per cent. of the deaths; after which came Diphtheria, causing 2·99 per cent.; and Hooping-cough, 2·43 per cent. of the deaths. Measles, on the other hand, was almost in complete abeyance, and Scarlatina only prevailed to a comparatively trifling extent.

In Aberdeen, Scarlatina was the most fatal of the epidemics, causing 5·49 per cent. of the deaths. After it came Hooping-cough, causing 4·02 per cent.; then Fever, causing 3·98 per cent.; then Diarrhœa, causing 2·60 per cent. of the deaths. The mortality from Measles and Diphtheria was low.

In Greenock, Small-pox raged as a pestilence, and proved the most fatal of the epidemics, causing the very high proportion of 9·20 per cent. of

the deaths. Scarlatina was the next most fatal of the epidemics, causing 6·13 per cent. of the deaths; after which followed Measles, which caused 4·32 per cent.; then Fever, which caused 2·74 per cent.; and Diarrhœa, which caused 2·37 per cent. of the deaths.

In Paisley, on the other hand, Scarlatina prevailed to an extent and to a fatality rarely witnessed, and caused the very high proportion of 13·97 per cent. of the mortality. The mortality of all the other epidemics was low. Thus, Fever only caused 2·30 per cent.; Diarrhœa, 2·23 per cent.; Measles, 1·72 per cent.; and Hooping-cough, 0·51 per cent. of the deaths.

In Leith, Fever was the most fatal of the epidemics, and caused 5·19 per cent. of the deaths. Diarrhœa was the next most fatal, and caused 4·36 per cent. of the deaths. Then followed Measles, causing 2·69 per cent.; Hooping-cough and Croup, each causing 2·41 per cent.; while Scarlatina only caused 1·02 per cent.; and Diphtheria, 0·28 per cent.

In Perth, Fever and Diarrhœa were the only two prevalent epidemics, —the former causing 4·27 per cent., the latter 4·12 per cent. of the deaths. The mortality from all the other epidemics was trifling, and no death from Small-pox was registered.

Combining the Returns from the whole of the Eight Towns, it appears that Scarlatina was the individual Zymotic Disease which caused the highest mortality, 1147 deaths having been attributed to it, being 3·86 per cent. of the deaths, or 10·3 deaths from Scarlatina in every ten thousand persons.

TABLE XI.—Percentage of Deaths from different Diseases to the Population in each of the Eight Principal Towns of Scotland during the Year 1873, allowing for the causes not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Paisley.	Leith.	Perth.
TOTAL DEATHS .	2·691	2·906	2·197	2·557	2·314	3·473	3·278	2·208	2·409
I. Zymotic Diseases .	0·583	0·630	0·363	0·581	0·505	1·086	0·820	0·446	0·331
III. Tubercular Diseases	0·435	0·510	0·339	0·351	0·352	0·455	0·496	0·305	0·427
IV. Brain Diseases . .	0·250	0·248	0·247	0·242	0·248	0·282	0·299	0·211	0·289
V. Heart, etc., Diseases	0·142	0·126	0·179	0·138	0·135	0·166	0·121	0·098	0·229
VI. Respiratory Organs .	0·526	0·637	0·395	0·512	0·357	0·362	0·475	0·446	0·347
VII. Digestive Organs .	0·188	0·221	0·138	0·142	0·154	0·207	0·255	0·176	0·141
XIII. Urinary Diseases .	0·043	0·038	0·057	0·033	0·063	0·040	0·025	0·035	0·046
XII. Premature Debility	0·139	0·147	0·114	0·173	0·099	0·171	0·119	0·141	0·118
XV. Old Age . . .	0·122	0·088	0·126	0·131	0·171	0·127	0·274	0·100	0·247
XVII. Violent Deaths .	0·100	0·110	0·071	0·103	0·091	0·184	0·102	0·095	0·103
Small-pox . . .	0·042	0·045	0·007	0·012	0·002	0·320	0·019	0·006	0·000
Measles . . .	0·086	0·127	0·063	0·019	0·024	0·150	0·056	0·059	0·011
SCARLATINA . .	0·103	0·117	0·023	0·034	0·127	0·213	0·448	0·022	0·008
Diphtheria . .	0·033	0·030	0·016	0·076	0·027	0·060	0·029	0·006	0·019
HOOPING-COUGH .	0·058	0·064	0·041	0·062	0·093	0·063	0·016	0·053	0·008
Croup . . .	0·038	0·039	0·022	0·053	0·030	0·043	0·052	0·053	0·026
DIARRHŒA . .	0·091	0·089	0·067	0·171	0·060	0·082	0·073	0·096	0·099
Dysentery . .	0·006	0·004	0·002	0·016	0·007	0·003	0·010	0·004	0·015
Cholera . . .	0·003	0·003	0·004	0·002	0·002	0·009	0·004	0·002	0·000
All FEVERS . .	0·080	0·071	0·076	0·087	0·092	0·095	0·075	0·115	0·103
Viz. Typhus . .	0·031	0·015	0·037	0·051	0·045	0·044	0·027	0·067	0·066
Enteric . .	0·040	0·047	0·036	0·034	0·034	0·047	0·027	0·035	0·026
Relapsing .	0·001	0·001	0·001	0·000	0·002	0·000	0·006	0 004	0·000
Simple Cont.	0·002	0·002	0·000	0·000	0·002	0·001	0·002	0·002	0·011
Infantile .	0·004	0·004	0·002	0·002	0·009	0·003	0·012	0·006	0·000
Dropsy . . .	0·027	0·028	0·014	0·035	0·029	0·042	0·048	0·033	0·019
Cancer . . .	0·043	0·030	0·069	0·035	0·051	0·039	0·048	0·039	0·053
PHTHISIS . .	0·301	0·346	0·225	0·271	0·247	0·289	0·413	0·180	0·301
Apoplexy . . .	0·057	0·055	0·061	0·060	0·054	0·081	0·071	0·026	0·053
Paralysis . . .	0·062	0·054	0·067	0·068	0·053	0·054	0·104	0·080	0·107
Convulsions . .	0·047	0·054	0·033	0·053	0·056	0·038	0·033	0·047	0·019
BRONCHITIS . .	0·372	0·462	0·263	0·353	0·273	0·305	0·347	0·322	0·229
Pneumonia . .	0·114	0·131	0·084	0·137	0·054	0·161	0·090	0·094	0·095
Teething . . .	0·046	0·058	0·021	0·035	0·038	0·077	0·061	0·033	0·022
Liver Diseases .	0·025	0·028	0·028	0·013	0·010	0·016	0·046	0·031	0·038

Diarrhœa was the next most fatal of the epidemics, causing 1014 deaths, or 3·72 per cent. of the mortality. Then came Measles, with 957 deaths; Fever, with 8·86 deaths; Hooping-cough, 644 deaths; Small-pox, 467 deaths; Croup, 420 deaths; and Diphtheria, 365 deaths.

Fever presented somewhat of a peculiarity during the past year, in that its leading type was Enteric Fever in the Eight Towns. This is unusual, seeing that, in general, Typhus Fever is the leading type in the Towns of Scotland, while Enteric Fever (Typhoid) is the leading type in the Rural Districts. Thus, of the 886 deaths from Fever, 349 were registered as Typhus, 501 as Enteric and Infantile,—for these are the same disease,—15 as Relapsing, and 21 as Simple Continued Fever. This peculiarity was almost solely caused by the immense preponderance of Enteric Fever in Glasgow over Typhus Fever, there having been 259 deaths from Enteric Fever, but only 79 from Typhus Fever.

Of the other more important diseases belonging to this class, Dysentery caused 68 deaths in the Eight Towns; Cholera, 40; Influenza, 30; Metria, 93; Rheumatic Fever, 46; Erysipelas, 128; Syphilis, 73; Pyœmia, 9; and Noma, 6.

Of the diseases belonging to the class of Uncertain Seat, Cancer caused 477, and Undefined Dropsy, 304 deaths. It is somewhat remarkable that the mortality from Cancer in Edinburgh during the past year has been more than double what it was in most of the Towns, constituting 3·13 per cent. of the deaths; while that disease only constituted 1·13 per cent. of the

TABLE XII.—Percentage of Deaths from different Diseases to the Total Deaths in each of the Eight Principal Towns of Scotland during the Year 1873, allowing for the causes of Death not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Paisley.	Leith.	Perth.
I. Zymotic Diseases .	21·65	21·67	16·49	22·71	21·83	31·27	25·10	20·22	13·76
III. Tubercular Diseases	16·17	17·54	15·44	13·73	15·20	13·10	15·12	13·82	17·72
IV. Brain, etc., Diseases	9·31	8·52	14·16	9·45	10·70	8·13	9·13	9·78	12·02
V. Heart, etc., Diseases.	5·24	4·32	8·14	5·39	5·82	4·78	3·70	4·45	9·49
VI. Respiratory Organs .	19·54	21·93	17·98	20·01	15·44	10·41	14·48	20·22	14·40
VII. Digestive Organs .	6·99	7·63	6·27	5·57	6·68	5·95	9·80	8·11	5·85
VIII. Urinary Organs .	1·59	1·33	2·07	1·29	2·70	1·16	0·76	1·58	1·90
XIII. Debility, Premat. Birth	5·16	5·04	5·19	6·77	4·31	4·93	3·63	6·40	4·90
XV. Old Age . . .	4·53	3·[illegible]	5·76	5·14	7·38	3·67	8·36	4·54	10·29
XVII. Violent Deaths . .	3·74	3·78	3·22	4·00	3·05	5·30	3·13	3·43	4·27
Small-pox . .	1·57	1·57	0·30	0·46	0·09	9·20	0·57	0·27	0·00
Measles . . .	3·22	4·37	2·87	0·74	1·04	4·32	1·72	2·69	0·47
SCARLATINA .	3·86	4·04	1·07	1·32	5·49	6·13	13·97	1·02	0·32
Diphtheria . .	1·22	1·04	0·77	2·99	1·18	1·72	0·89	0·28	0·79
HOOPING-COUGH.	2·17	2·22	1·88	2·43	4·02	1·81	0·51	2·41	0·32
Croup . . .	1·41	1·35	1·01	2·06	1·33	1·25	1·59	2·41	1·11
DIARRHŒA . .	3·72	3·09	3·07	6·68	2·60	2·37	2·23	4·36	4·12
Dysentery . .	0·23	0·15	0·11	0·65	0·33	0·09	0·32	0·18	0·64
Cholera . . .	0·13	0·12	0·17	0·09	0·09	0·28	0·12	0·08	0·00
All FEVERS . .	2·98	2·47	3·49	3·39	3·98	2·74	2·30	5·19	4·27
Viz. Typhus .	1·18	0·56	1·65	2·01	1·90	1·25	0·83	3·06	2·69
Enteric .	1·51	1·64	1·65	1·33	1·48	1·35	0·83	1·59	1·11
Relapsing .	0·05	0·03	0·06	0·00	0·09	0·00	0·19	0·18	0·00
Simple Cont.	0·07	0·08	0·02	0·00	0·09	0·05	0·07	0·08	0·47
Infantile .	0·17	0·16	0·11	0·06	0·42	0·09	0·38	0·28	0·00
Dropsy . . .	1·02	0·97	0·61	1·39	0·99	1·21	1·47	1·48	0·79
Cancer . . .	1·61	1·13	3·13	1·35	2·22	1·12	1·47	1·76	2·21
PHTHISIS . .	11·17	11·93	10·24	10·59	10·65	9·06	13·21	8·16	12·50
Apoplexy . . .	2·13	1·88	2·76	2·34	2·37	2·28	2·17	1·21	2·22
Paralysis . . .	2·34	1·87	3·05	2·68	2·32	1·58	3·19	3·63	4·43
Convulsions . .	1·77	1·88	1·51	2·09	2·41	1·12	1·32	2·13	0·79
BRONCHITIS .	13·80	15·90	12·00	13·70	11·79	8·78	10·84	14·56	9·49
Pneumonia . .	4·25	4·51	3·84	5·36	2·37	4·65	2·74	4·27	3·96
Teething . . .	1·72	2·01	0·94	1·39	1·66	2·23	1·89	1·48	0·95
Liver Diseases . .	0·94	0·97	1·27	0·52	0·47	0·46	1·40	1·39	1·58

deaths in Glasgow, 1·35 per cent. of the deaths in Dundee, and 1·21 per cent. of those in Greenock, 1·47 per cent. in Paisley, and 1·48 per cent. in Leith.

The Tubercular class of diseases caused 4807 deaths in the Eight Towns, and thus constituted 16·17 per cent. of the mortality, or caused 43 deaths in every ten thousand persons.

Phthisis, or Consumption, is the individual disease belonging to this class which causes a higher mortality than any other single disease in Scotland. During 1873 it cut off 3319 persons in the Eight Towns, and thus constituted 11·17 per cent. of the deaths, or caused 301 deaths in every hundred thousand persons. Of the Eight Towns, Leith continued to exhibit the lowest mortality from Consumption, only 8·16 per cent. of the deaths being caused by that disease. Greenock, though otherwise a very unhealthy town, exhibited the next smallest mortality from Consumption, viz. 9·06 per cent. of the deaths. Then came Edinburgh, 10·24 per cent.; Dundee, 10·59 per cent.; Aberdeen, 10·65 per cent.; Glasgow, 11·93 per cent.; Perth, 12·50 per cent.; and Paisley, 13·21 per cent. of the deaths.

Of the other diseases belonging to the Tubercular class, Hydrocephalus caused 810 deaths; Scrofula, 262; and Tabes Mesenterica, 416 deaths.

Diseases of the Brain and Nervous System caused 2768 deaths in the Eight Towns, being 9·31 per cent. of the mortality, or 25 deaths in every ten thousand persons. The relative mortality from Brain Diseases was highest in Edinburgh and lowest in Greenock. Thus, in Edinburgh, Brain Diseases caused 14·16 per cent. of the deaths; in Perth, 12·02; in Aberdeen, 10·70; in Leith, 9·78; in Dundee, 9·45; in Paisley, 9·13; in Glasgow, 8·52; and in Greenock, 8·13 per cent. of the deaths.

Heart Diseases caused 1558 deaths in the Eight Towns, or 5·24 per cent. of the mortality. Of the several Towns, the relative mortality of Heart Diseases was highest in Perth and lowest in Paisley. Thus, in Paisley, only 3·70 per cent. of the deaths were caused by Heart Diseases; in Glasgow, 4·32 per cent.; in Leith, 4·45; in Greenock, 4·78; in Dundee, 5·39; in Aberdeen, 5·82; in Edinburgh, 8·14; and in Perth, 9·49 per cent. of the Deaths.

The Inflammatory Affections of the Respiratory Organs caused 5807 deaths in the Eight Towns, and thus constituted 19·54 per cent. of the mortality, or cut off at the rate of 52·6 out of every ten thousand persons during the year. The mortality from this class of diseases was lowest in Greenock and highest in Glasgow. Thus, in Greenock, the deaths from these Affections of the Respiratory Organs constituted only 10·41 per cent. of the mortality; in Perth, 14·40 per cent.; in Paisley, 14·48; in Aberdeen, 15·44; in Edinburgh, 17·98; in Dundee, 20·01; in Leith, 20·22; and in Glasgow, 21·93 per cent.

Of the Individual Diseases belonging to this class, Bronchitis caused 4101 deaths; Pneumonia, 1262; Asthma, 125; Laryngitis, 62; and Undefined Disease of the Lungs, 169 deaths.

Diseases of the Organs of Digestion caused 2077 deaths, thus constituting 6·99 per cent. of the mortality, or 18·8 deaths in every ten thousand persons. Dundee, Perth, and Greenock showed the smallest relative mortality from that class of diseases, Leith and Paisley the highest.

Diseases of the Kidneys and Urinary Diseases caused 475 deaths; Diseases of the Bones and Joints, 185 deaths; Diseases of the Skin, 33;

Malformation, 61; Debility and Premature Birth, 1536; Atrophy, 216; Old Age, 1349; Sudden Death, of which the cause was not ascertained, 79; and Violent Deaths, 1113. Of these Violent Deaths, 45 were suicides; and by far the greatest proportion of these occurred during the fine months of May, July, and August, and the fewest in December, November, and February.

MARRIAGES IN THE EIGHT TOWNS.

10596 Marriages were registered in the Eight Towns during the year 1873, being in the proportion of 95 marriages in every ten thousand persons. This is for these Towns a very high rate of marriage, yet exactly the same as occurred the previous year, and only exceeded by the year 1866. The marriage-rate, however, varied considerably in each of the Towns, having been lowest in Perth and Aberdeen, and highest in Paisley. Thus, for every ten thousand persons in each of these Towns, there occurred 79 marriages in Perth and in Aberdeen, 87 in Greenock, 94 in Edinburgh, 96 in Dundee, 99 in Glasgow and in Leith, and 107 in Paisley.

WEATHER AND ITS INFLUENCE ON THE MORTALITY.

It has been fully shown in former Reports that cold is the great regulator of the mortality in Scotland, affecting to a greater or lesser extent most, but not all, the diseases to which the natives are liable. A few diseases, such as the Bowel Complaints, increase with the heat; but only materially increase in fatality when the mean temperature approaches 60° Fahr. Experience, however, has proved that the baneful effects of the cold are much increased by the simultaneous prevalence of cold northerly or easterly winds, so that the mortality of the months in which these winds prevail usually exceeds that of the other months.

Table XIII. affords the means of comparing the monthly mean temperatures and the proportion of Deaths in 1873 with those of the ten years, 1855–1864. During these ten years, January and February were the

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TABLE XIII.—Monthly Mortality and Mean Temperature in Scotland during 1873, compared with the Mean of the Ten Years 1855–1864.

	Year 1873.				1855-1864.	
Months.	Mean Temperature.	Actual Deaths.	Deaths when Months are equalized to 31 Days.	Proportion to 12,000 per Annum, or 1000 per Month.	Proportion.	Mean Temperature.
January	39·2°	6587	6587	1008	1134	37·2°
February	35·4	7242	8016	1226	1193	37·4
March	39·7	7614	7614	1165	1145	39·8
April	44·8	6762	6990	1069	1083	44·1
May	46·9	6959	6959	1065	1010	49·5
June	55·9	6210	6417	981	956	55·6
July	58·5	6150	6150	941	895	57·6
August	56·4	5583	5583	854	856	57·3
September	51·4	5339	5517	844	843	52·8
October	44·3	5730	5730	877	858	47·2
November	41·2	5950	6148	940	954	40·2
December	42·5	6731	6731	1030	1073	38·6
Year	46·3	76,857	78,442	12.000	12,000	46·7

coldest months, the former averaging 37°·2, the latter 37°·4 Fahr.; after which followed December, 38°·6, and then March, 39°·8. In 1873, however, February was by far the coldest month, the mean temperature being only 35°·4, while January was the second coldest, with a mean temperature of 39°·2; after which followed March with a mean temperature of 39°·7, then November, 41°·2; and December, 42°·5.

The year 1872 closed with a December not greatly different from the average, but one degree colder than the weather during January 1873. The daily deaths during December, therefore, numbered 223, while those of January 1873 only numbered 212 daily.

During the first eighteen days of January 1873, the weather was comparatively mild, but boisterous, with hurricanes and deluges of rain from the west and south-west. On the 19th the weather changed, and wintery weather set in, the wind veering to the north-west, when snow fell heavily, accompanied by a smart frost. This continued more or less to the close of the month. As the longer continuance of mild weather gave tone to the month, and the mean temperature was higher than that of the previous month, the daily deaths were fewer, only numbering 212 daily.

February was our most wintery month, the ground being rarely free from snow, and the frosts often intense. The general direction of the wind during this month was from the north, north-east, and north-west. This proved the coldest month of the year, the mean temperature being only 35°·4,

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TABLE XIV.—Meteorology of Scotland for 1873, deduced from Observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General; also, the Number of Births, Deaths, and Marriages registered during each Month of the Year 1873.

1873.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov	Dec.	YEAR
Highest Temp. in shade	60°·7	62°·5	65°·5	70°·3	70°·5	80°·3	90°·5	77°·0	76°·2	63°·0	60°·5	60°·8	90°·5
Lowest Temp. in do	11°·0	8°·0	15°·0	20°·0	25°·0	29°·0	35°·3	30°·0	28°·0	20°·0	18°·3	15°·0	8°·0
Mean Day Temp. . .	45°·7	41°·0	45°·2	52°·2	54°·2	63°·7	66°·1	63°·0	58°·5	50°·7	46°·3	47°·2	52°·6
Mean Night Temp. .	34°·7	29°·9	34°·1	37°·5	39°·6	48°·1	51°·0	49°·7	44°·2	37°·8	36°·0	37°·7	40°·0
Daily Range	9°·0	11°·1	11°·2	14°·7	14°·6	15°·6	15°·1	13°·3	14°·3	12°·9	10°·2	9°·6	12°·4
Mean Temperature .	39°·2	35°·4	39°·7	44°·8	46°·9	55°·9	58°·5	56°·4	51°·4	44°·3	41°·2	42°·5	46°·3
Highest Temperature in sun	87°·0	102°·0	105°·0	126°·0	140°·3	134°·8	131°·2	137°·5	135°·5	111°·0	89°·0	77°·8	140°·3
Lowest on grass at night	8°·2	2°·4	12°·0	16°·0	12°·4	23°·0	30°·0	25°·0	20°·0	16°·2	12°·0	14°·0	2°·4
Wet-bulb Temperature	37°·6	33°·2	37°·4	42°·0	44°·1	52°·9	55°·8	53°·7	48°·6	42°·1	39°·0	40°·9	43°·9
Dew-point Temperature	35°·8	30°·9	35°·4	39°·2	41°·1	50°·2	53°·4	51°·6	46°·4	40°·2	37°·2	38°·9	41°·7
Humidity of Air . .	89	86	88	82	81	82	84	86	85	88	89	88	86
Elastic force of Vapour (inches)	0·211	0·174	0·207	0·240	0·259	0·365	0·410	0·383	0·316	0·250	0·222	0·237	0·273
Number of Rainy Days	20	9	15	10	15	13	21	19	18	17	15	16	188
Amount of Rain (inch.)	5·37	1·45	2·32	0·70	2·69	1·74	4·57	4·21	4·36	5·47	3·32	3·13	39·33
Amount of Cloud . .	6·7	5·8	6·9	6·4	6·5	6·7	6·5	7·0	6·1	6·4	6·7	6·6	6·5
Hours of Sunshine .	66	101	113	165	208	207	216	177	167	122	73	75	1690
Mean Barometer (in.)	29·459	30·106	29·818	30·046	29·919	29·894	29·795	29·779	29·839	29·682	29·829	29·984	29·846
Easterly Winds (number of days) . .	6	7	15	12	12	9	4	6	5	5	10	0	91
Westerly Winds (do.)	17	13	8	9	12	14	17	19	17	19	14	25	184
Births	10381	9307	10522	10521	10870	9892	9910	9338	9727	10173	9021	10076	119738
Deaths	6587	7242	7614	6762	6959	6210	6150	5583	5339	5730	5950	6731	76857
Marriages	3388	1554	1676	1580	1212	3898	2624	1583	1609	1857	2580	3169	26730
Daily Births	335	332	339	351	351	326	320	301	324	328	301	325	328
Daily Deaths	212	259	245	225	225	207	198	180	178	185	198	217	211

and the natural consequence was that the deaths were heaviest this month, amounting to 259 daily.

During March the weather varied much, and was very unsteady. The first part of the month was comparatively mild, with the wind chiefly from the south-west and west. During the second week, however, east, north-east, and north-west winds prevailed, with occasional falls of snow, and pretty intense frost, while easterly winds with dull foggy weather and occasional falls of sleet prevailed till the close of the month. This unfavourable weather kept the mortality high, so that March proved the second more fatal month of the year, 245 deaths occurring daily over Scotland.

April was characterized by an unusually small fall of rain, and a most unprecedented large proportion of north and east winds, which rendered the month very trying for delicate persons. The consequence of this was, that April had the third highest number of deaths, viz. 225 deaths daily.

May was equally characterized by the excessive preponderance of northerly and easterly winds, which reduced its mean temperature nearly $2\frac{1}{2}$ degrees below its average. Apparently as a consequence of this, the mortality in May exceeded that of December, remaining as high as in April, consequently May furnished 225 deaths daily.

The average kind of weather prevailed during June, but there was a considerable want of rain, and the winds were rather boisterous. Under the influence of the more genial weather, the deaths fell to 207 daily.

July was characterized by a high mean temperature, 58°·5; a large rainfall, 4°·57 inches; and the southerly direction of the winds. The deaths fell to 198 daily.

TABLE XV.—Showing the connection between certain Atmospheric Phenomena, especially Temperature, and the Deaths from certain Diseases and Classes of Disease, in the Eight Principal Towns of Scotland, during each Month of the Year 1873.

1872.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature	40°·2	35°·9	39°·7	45°·3	47°·9	56°·6	59°·2	57°·1	52°·8	44°·8	41°·9	42°·6
Highest Temperature	54°·8	49°·2	56°·0	68°·5	66°·8	79°·5	84°·4	73°·0	76°·2	62°·3	56°·4	57°·2
Lowest Temperature	21°·5	12°·7	26°·0	28°·5	29°·0	40°·0	41°·1	36°·1	33°·1	24°·0	24°·5	27°·0
Rainfall in inches	5·45	1·64	2·09	0·34	2·94	1·47	4·10	3·67	3·85	5·11	2·46	2·36
Easterly Winds (days)	7	6	19	12	14	10	5	7	5	4	10	–
Westerly Winds (days)	19	18	9	12	14	17	21	21	21	24	17	28
Total Deaths	2441	2795	2859	2567	2650	2448	2483	2216	2176	2379	2352	2638
Daily Deaths	79	99	92	85	85	81	80	71	72	77	78	85
Zymotic Diseases	439	469	468	437	474	483	542	643	560	645	574	701
Small-pox	27	33	25	23	17	13	9	28	46	69	83	94
Measles	32	60	109	118	160	150	106	67	27	29	22	77
Scarlatina	69	50	39	24	31	45	44	83	119	214	213	216
Diphtheria	35	39	31	17	23	24	30	26	27	43	31	39
Hooping-Cough	54	86	69	76	76	55	39	39	42	33	38	37
Croup	41	44	46	29	26	18	18	23	32	52	38	53
All Fevers	93	69	65	65	65	68	59	65	65	92	82	98
Diarrhœa	44	40	37	45	41	71	194	259	152	68	28	35
Dysentery	5	6	5	7	3	–	8	15	8	7	2	2
Cholera	–	–	–	1	–	5	10	10	7	4	1	2
Consumption	265	315	343	311	351	322	298	226	214	218	194	232
Diseases Respiratory Organs	511	708	690	561	555	441	382	229	268	383	541	538
Heart, etc., Diseases	139	152	158	155	121	133	100	110	112	124	113	141
Brain, etc., Diseases	233	237	243	255	261	248	245	182	214	204	215	231
Debility and Premat. Birth	134	142	127	124	123	132	150	137	126	134	91	116
Age	114	151	153	122	129	94	107	82	95	103	115	84

The Paisley highest temperatures being manifestly erroneous for a great portion of the year, are excluded from the above table,

August had a lower temperature than usual, 56°·4, but a large depth of rain, viz. 4°·21 inches, and an unusual amount of south-westerly winds. As usual when the temperature is not high, the deaths continued to fall, so that only 180 occurred daily.

September resembled July and August in that it had a large rainfall, 4°·36 inches, with a great preponderance of westerly winds, and a mean temperature of 51°·4. The lowest monthly mortality of the year was, therefore, as usual, attained this month, and only 178 deaths occurred daily.

With the descent of temperature from this month the deaths increased, so that they numbered 185 daily during October, 198 daily during November, and 217 daily during December.

October was by far the wettest month of the year, having the excessive rainfall of 5°·47 inches, and winds chiefly from the west-south-west.

In November the weather did not greatly differ from the average, unless it were in the more frequent storms of winds which occurred, doing considerable damage to trees and the shipping.

During December the peculiarity occurred that its mean temperature was 1°·3 higher than that of November. This resulted from the unprecedented absence of the cold northerly and easterly winds, and the unusually large quantity of south and westerly winds.

At present we have it not in our power to show in a tabular form the influence of season on the different diseases which cut off the inhabitants of all Scotland; but the Abstracts of the Monthly Returns given in detail in Table VI. of the Appendix, and summarized for the leading diseases in the accompanying Table XV., shows the facts for the Eight Principal Towns of Scotland during the year 1873.

TABLE XVI.—Deaths, Temperatures, and Fall of Rain in the Eight Principal Towns of Scotland during each Week of the Year 1873.

No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches	No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches
			Mean.	Highest	Lowest.					Mean.	Highest	Lowest.	
			°	°	°					°	°	°	
1	January 4	586	40·0	51·0	25·0	0·813	27	July 5	546	57·6	72·0	41·5	0·430
2	11	580	44·9	54·0	30·7	1·250	28	12	500	58·8	70·0	46·0	0·697
3	18	519	43·4	54·8	33·4	2·390	29	19	537	56·1	71·0	41·1	1·028
4	25	524	34·3	46·0	21·5	0·823	30	26	629	64·4	84·4	46·5	0·755
5	February 1	562	36·4	45·7	23·0	0·460	31	August 2	556	58·1	68·9	43·0	1·881
6	8	648	32·8	41·9	14·0	0·336	32	9	563	57·9	73·0	43·1	0·643
7	15	746	37·1	48·0	22·0	0·030	33	16	508	58·1	71·2	36·1	0·865
8	22	705	41·2	49·2	23·8	0·047	34	23	508	55·1	68·9	38·9	0·801
9	March 1	709	32·0	41·0	12·7	1·219	35	30	492	58·1	71·4	46·0	0·945
10	8	655	40·4	52·0	31·0	1·031	36	September 6	519	53·5	69·2	39·5	1·089
11	15	711	38·2	48·8	28·8	0·655	37	13	471	52·5	64·4	33·1	0·687
12	22	645	38·7	49·0	26·0	0·229	38	20	485	52·4	66·2	39·3	1·681
13	29	648	41·8	55·0	33·5	0·137	39	27	477	54·5	76·4	35·5	0·086
14	April 5	595	44·7	55·4	35·0	0·170	40	October 4	487	49·6	70·0	36·3	2·879
15	12	607	45·1	64·9	31·0	0·061	41	11	502	45·9	60·0	24·5	1·067
16	19	604	45·6	63·4	34·5	0·050	42	18	540	45·3	57·4	29·7	0·273
17	26	545	43·0	68·5	29·0	0·064	43	25	556	42·2	62·0	26·0	1·000
18	May 3	612	50·1	64·0	37·2	0·178	44	November 1	584	42·3	54·2	24·0	0·633
19	10	601	45·1	59·0	32·0	1·731	45	8	533	40·6	53·4	25·0	1·199
20	17	588	45·6	63·0	32·0	0·259	46	15	534	41·5	51·4	26·5	0·127
21	24	585	47·9	63·5	30·8	0·795	47	22	621	38·5	53·0	24·8	0·139
22	31	630	50·8	66·8	37·0	0·092	48	29	598	45·6	56·0	33·3	0·721
23	June 7	604	55·8	71·0	37·5	0 110	49	December 6	602	44·6	54·4	31·0	0·569
24	14	582	56·8	73·0	42·3	0·411	50	13	538	42·5	54·2	26·0	0·004
25	21	584	58·6	79·5	43·3	0·099	51	20	554	43·7	57·2	31·2	0·484
26	28	535	57·5	74·0	44·7	0·591	52	27	548	40·9	52·0	28·9	0·986

As an error ran through the Paisley maximum temperate observations, they are discarded from the above table

By this Table it will be seen that Small-pox is powerfully influenced by season. Thus, the deaths were 33 in February; and as the season became milder and advanced, the deaths declined, so that they numbered 25 in March, 23 in April, 17 in May, 13 in June, and attained their lowest point, viz. 9 deaths in July. After this, with the fall of the season, they increased, the deaths from Small-pox numbering 28 in August, 46 in September, 69 in October, 83 in November, and 94 in December.

Scarlatina had only 44 deaths in July, but as the season advanced the deaths increased to 83 in August, 119 in September, 214 in October, 213 in November, and 216 in December. Hooping-cough had its highest mortality in February, the coldest month, viz. 86 deaths, and declined with the advance of the season, the deaths numbering 69 in March, 76 in April and in May, 55 in June, and 39 in July and August. Fever was lowest in July and highest in December and January.

On the other hand, the Bowel Diseases appeared to increase with the increase of the mean temperature. Thus, Diarrhœa only caused 41 deaths in May, but 71 in June, 194 in July, and 258 in August.

Other diseases appeared to increase in fatality under the influence of the northerly and easterly winds, which blow with such force and constancy during the months of March, April, May, and well into June. Thus, Consumption, which caused 265 deaths in January, caused 315 in February, 343 in March, 351 in May, and 322 in June. Measles appeared to follow the same course of mortality, for 32 only died from that cause in January, but 60 in February, 109 in March, 118 in April, 160 in May, and 150 in June, after which the mortality rapidly fell to 106 in July, 67 in August, and 27 in September.

The inflammatory affections of the Respiratory Organs exhibited in a very striking manner the influence of lowering of temperature on the mortality. Thus, only 229 deaths were caused by these diseases in August, but 268 in September, 383 in October, 541 in November, and 538 in December; the coldest month of the year, viz. February, yielding 708 deaths, and the second coldest month, viz. March, furnishing 690 deaths.

TABLE XVII.—Monthly Deaths at Four Periods of Life in the Eight Principal Towns of Scotland during the Year 1873, and proportion at each Age in every hundred Deaths per Month.

MONTHS.	Actual Number of Deaths in 1873.					Proportion at each Age in every Hundred Deaths per Month.				
	0–5 years.	5–20.	20–60.	60 and above.	Total Deaths.	0–5 years.	5–20.	20–60.	60 and above.	Total.
January . .	928	250	778	485	2441	38·0	10·2	31·9	19·9	100·0
February . .	1006	255	906	628	2795	36·0	9·1	32·4	22·5	100·0
March . . .	1114	260	893	592	2859	39·0	9·1	31·2	20·7	100·0
April . . .	1015	247	787	518	2567	39·6	9·6	30·6	20·2	100·0
May . . .	1117	292	741	500	2650	42·1	11·0	28·0	18·9	100·0
June . . .	1064	277	691	416	2448	43·5	11·3	28·2	17·0	100·0
July . . .	1131	261	728	363	2483	45·5	10·5	29·4	14·6	100·0
August . .	1050	244	575	347	2216	47·4	11·0	26·0	15·6	100·0
September .	949	262	586	379	2176	43·5	12·1	27·0	17·4	100·0
October . .	995	295	685	404	2379	41·8	12·4	28·8	17·0	100·0
November .	961	308	656	427	2352	40·9	13·1	27·9	18·1	100·0
December .	1155	330	751	402	2638	43·8	12·5	28·5	15·2	100·0
YEAR .	12,485	3,281	8,777	5,461	30,004	41·6	10·9	29·3	18·2	100·0

It is interesting to trace, year by year, the influence of season on the mortality at different ages. To throw light on this subject, Tables XVII. and XVIII. have been prepared, and to render the comparison accurate, the months in Table XVIII. are equalized to 31 days, and the deaths at each of the four ages adjusted to that number of days.

By this latter Table, it appears that for children under five years of age, the healthiest month of the year, and that during which the fewest deaths occurred, was January, when only 925 deaths happened. September, with its 981 deaths, was the next most healthy month for children at that age; then November, 993 deaths; then October, 995 deaths; April, 1049; and August, 1050 deaths. The most fatal month for children under five years of age was December, with its 1155 deaths; then July, the warmest month of the year, with its 1131 deaths; then May, with 1117 deaths; then February and March, each with 1114 deaths; and June, with 1099 deaths.

For persons from five to twenty years of age the influence of season on their mortality was considerably different. Accordingly, for persons of that age, the most healthy month was August, and the most fatal, December. Thus, in August, the healthiest month, only 244 deaths occurred; then followed January, 250 deaths; April, 255; March, 260; July, 261; and September, 271. December, on the other hand, was the most fatal month, causing 330 deaths to persons of this age; then November, 318 deaths; then October, 295; May, 292; June, 286; and February, 282 deaths.

The influence of season on the mortality of persons from 20 to 60 years of age did not correspond with that seen at the lower ages; for the healthiest months were August and September, and the most fatal months, February and March. Thus, the healthiest month for persons at this age was August, when 575 deaths occurred; then September, 605 deaths; then November, 678; then October, 685; then June, 714; and July, 728 deaths. February was the most fatal month, and caused 1002 deaths; then March, 893 deaths; then April, 813; then January, 778; then December, 751; and May, 741 deaths.

TABLE XVIII.—Months equalized to 31 days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in the Eight Principal Towns during each Month of the Year 1873.

MONTHS.	Relative Number of Deaths in 1873.					Monthly Deaths, proportioned to 1000 per Month, or 12,000 per annum.
	0–5 years.	5–20.	20–60.	60 and above.	Total.	
January . . .	925	250	778	485	2441	957
February .	1114	282	1002	694	3092	1212
March . . .	1114	260	893	592	2859	1121
April . . .	1049	255	813	535	2652	1039
May . . .	1117	292	741	500	2650	1039
June . . .	1099	286	714	480	2529	991
July . . .	1131	261	728	363	2483	973
August . . .	1050	244	575	347	2216	868
September . .	981	271	605	391	2248	882
October . . .	995	295	685	404	2379	932
November . .	993	318	678	441	2430	952
December . .	1155	330	751	402	2638	1034
YEAR .	12,723	3,344	8,973	5,634	30,617	12,000

On the mortality of persons above sixty years of age season had much the same effect as on those in the prime of life, the most healthy months being August and September, the most fatal, February and March. Thus, for persons above sixty years of age, August had the smallest mortality, viz. 868 deaths; then September, 882 deaths; October, 932; November, 952; January, 957; and July, 973. February, on the other hand, was the most fatal month, causing 1212 deaths; then March, 1121 deaths; then April and May, each causing 1039 deaths; then December, 1034; and June, 991 deaths.

NINTH ANNUAL REPORT

ON THE

VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1872.

By the Scottish Vaccination Act, 26 and 27 Vict. cap. 108, the Annual Report on Vaccination must be published along with the Annual Report of the Registrar-General on the Births, Deaths, and Marriages. From the circumstance, however, that the Act allows six months to elapse from the birth of the child before the vaccination can be legally enforced, and also from the circumstance, that in consequence of the inaccessibility of many of the Highland and Insular Districts, the Board of Supervision for Relief of the Poor are empowered to extend that period, it happens that the Vaccination Report must always refer to the year previous to that of the Registration of Births, Deaths, and Marriages, and, consequently, the present Report relates to the vaccination of the children who were born in Scotland during the year 1872.

TABLE XIX.—VACCINATIONS in SCOTLAND, 1864–1871, and proportion to the Births each year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Died before Vaccination.	Removed from District before Vaccination, or otherwise not accounted for.	TOTAL BIRTHS.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination.			
1864	Numbers .	95047	662	667	154	440	9180	2701	108851
1865	Numbers .	99648	719	474	34	207	9366	2622	113070
1866	Numbers .	100408	579	332	30	227	9433	2658	113667
1867	Numbers .	101139	670	233	16	151	9355	2480	114044
1868	Numbers .	102140	914	277	7	230	9440	2506	115514
1869	Numbers .	99265	966	177	17	174	10069	2773	113441
1870	Numbers .	101875	843	215	28	229	9724	2532	115446
1871	Numbers .	101923	841	241	142	175	10280	2582	116184
1872	Numbers .	104902	811	184	64	322	10325	2351	118959
1864	Percentage	87·313	0·608	0·613	0·142	0·404	8·438	2·481	100·000
1865	Percentage	88·130	0·636	0·419	0·030	0·183	8·283	2·319	100·000
1866	Percentage	88·335	0·510	0·292	0·026	0·200	8·299	2·338	100·000
1867	Percentage	88·684	0·587	0·204	0·014	0·132	8·203	2·176	100·000
1868	Percentage	88·423	0·791	0·240	0·005	0·199	8·172	2·170	100·000
1869	Percentage	87·504	0·852	0·156	0·015	0·153	8·876	2·444	100 000
1870	Percentage	88·246	0·730	0·186	0·024	0·198	8·423	2·193	100·000
1871	Percentage	87·726	0·724	0·208	0·122	0·150	8·848	2·222	100·000
1872	Percentage	88·183	0·682	0·155	0·054	0·271	8·679	1·976	100·000

By the Vaccination Returns, it appears that of the 118959 children born in Scotland during the year 1872, 104902—being 88·183 per cent. of the total births—were successfully vaccinated; in 811 instances, or 0·682 per cent. of the births, the vaccination had to be postponed for various reasons; in 570 cases, or 0·480 per cent. of the births, the children were found to be insusceptible of the vaccine virus; in 184 cases, from constitutional insusceptibility; in 64 cases, from having previously had Small-pox; and in 322 cases, from having been previously successfully vaccinated; 10,325 children, being 8·679 per cent. of the births, had died before they could be vaccinated; and 2351, being 1·976 per cent. of the births, had been lost sight of by the Registrars, and had probably escaped vaccination in consequence of their parents or guardians having removed from the district in which they were born before the expiry of the period when their vaccination could have been enforced by the Act.

The above proportions, however, do not give a just idea of the proportion of living children who were actually protected from the ravages of Small-pox by vaccination, because they include the very high proportion of 8·679 per cent. of the births who died before they had arrived at the age when vaccination could have been effected. Table XX. has therefore been drawn up for the purpose of showing what proportion of the surviving children were actually protected by vaccination from the ravages of Small-pox.

By that Table, it appears that of the 108634 children who survived their birth so long that they could be subjected to vaccination, 104902, being 96·565 of the surviving children, had been successfully vaccinated; in 811 cases, being 0·747 per cent., the vaccination had been postponed; in 570 cases, being 0·544 per cent., the children were found to be insusceptible of the vaccine virus; in 184 cases from constitutional insusceptibility; in 64 cases, from having had Small-pox; and in 322 cases, from having been previously vaccinated; while in 2351 cases, being 2·164 per cent. of the surviving children, in consequence of the parents or guardians

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TABLE XX.—VACCINATIONS in SCOTLAND, 1864–1871, deducting from the Births those who died before they could be Vaccinated, and giving the proportion of the Vaccinated to the surviving Births of each year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Removed from District before Vaccination, or otherwise not accounted for.	TOTAL LIVING.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination.		
1864	Numbers .	95047	662	667	154	440	2701	99671
1865	Numbers .	99648	719	474	34	207	2622	103704
1866	Numbers .	100408	579	332	30	227	2658	104234
1867	Numbers .	101139	670	233	16	151	2480	104689
1868	Numbers .	102140	914	277	7	230	2506	106074
1869	Numbers .	99265	966	177	17	174	2773	103372
1870	Numbers .	101875	843	215	28	229	2532	105722
1871	Numbers .	101923	841	241	142	175	2582	105904
1872	Numbers .	104902	811	184	64	322	2351	108634
1864	Percentage	95·361	0·664	0·669	0·155	0·441	2·710	100·000
1865	Percentage	96·089	0·694	0·457	0·033	0·199	2·528	100·000
1866	Percentage	96·329	0·556	0·318	0·029	0·217	2·551	100·000
1867	Percentage	96·609	0·640	0·222	0·015	0·144	2·370	100·000
1868	Percentage	96·292	0·861	0·261	0·007	0·216	2·363	100·000
1869	Percentage	96·027	0·935	0·171	0·016	0·168	2·683	100·000
1870	Percentage	96·362	0·797	0·203	0·026	0·217	2·395	100·000
1871	Percentage	96·241	0·794	0·228	0·134	0·165	2·438	100·000
1872	Percentage	96·565	0·747	0·169	0·059	0·296	2·164	100·000

of the child having removed from the district previous to the date when vaccination could be enforced, no particulars were learned with regard to that number of children, and so they may naturally be put down as having escaped vaccination. There can be no doubt, however, that several of these cases would be vaccinated. Even as it is, it will be seen that the merest fraction above 2 per cent. of the children born in 1872, and who survived to the age when they could be vaccinated, escaped vaccination. This is a very satisfactory result; but even that proportion would probably be materially diminished if the Act were so modified as to enact that in the larger Towns and populous districts, the period within which vaccination should be performed should be limited to four months from birth. When vaccination is delayed beyond that period, the irritation of constitution caused by teething interferes with the proper course of vaccination; and it is at least doubtful whether the protection given by vaccination to a child vaccinated during the period of teething is as perfect as when the operation is performed before that period has commenced.

As vaccination has now, for a considerable number of years, been enforced in Scotland, many people are apt to imagine that it should have put an end to epidemics of Small-pox, or at all events, have greatly diminished their mortality. Had the Act extended its provisions to adults, this might reasonably have been expected; but, seeing that it confined its enactments to the children born each year, such a result could not follow till a whole generation had been swept away. Table XXI. shows the deaths from Small-pox since the Registration Act came into operation in Scotland in 1855; and it will be seen that the severest epidemic of Small-pox during the nineteen years happened in 1872, introduced among us from the Continent while the Vaccination Act was in full operation. The objectors to vaccination in any form, of whom there are many in England, will be apt to imagine that here they have a convincing proof of the inutility of vaccination; but when the facts are closely looked into, they demonstrate, in the clearest manner, the high value of vaccination to the community.

TABLE XXI.—Deaths from Small-pox in Scotland, 1855–1873.

YEARS.	Small-pox Deaths.	YEARS.	Small-pox Deaths.
1855	1309	1865	383
1856	1306	1866	200
1857	845	1867	100
1858	332	1868	15
1859	682	1869	64
1860	1495	1870	114
1861	766	1871	1760*
1862	426	1872	3073*
1863	1646	1873	934*
1864	1741		

* For 1871, 1872, and 1873, the Small-pox Deaths are estimated from the ascertained Small-pox Deaths in the Principal Towns, as compared with the Total Deaths in all Scotland during the fifteen years, 1855–1869.

Before the introduction of vaccination into Scotland, from 12 to 14 per cent. of the total deaths were annually caused by Small-pox; while nearly 2 per cent. of those who survived its ravage lost their eyesight, and a very large proportion had their countenances disfigured for life. Since vaccination was introduced into Scotland in 1799, the average annual death-rate from Small-pox, up to the present day, has been only $1\frac{1}{2}$ per cent. of the total deaths, and even that number has chiefly been caused by the deaths of persons who never had been vaccinated. This single fact proves of itself more convincingly than any arguments the saving of human life which the general adoption of vaccination has effected. The question, however, still remains to be answered, whether the Vaccination Act has tended to diminish the mortality from Small-pox. As before stated, it refers entirely to the case of infants, and has no reference to those who were born before its enactments came into force.

It has to be borne in remembrance that in all epidemics of Small-pox, it is the infants, and indeed all under five years of age, who are especially liable to its ravages; and when Small-pox broke out naturally among the people when they were unprotected by vaccination, from 60 to 70 per cent. of all who fell victims to it were under five years of age—just as happens now-a-days with Measles, Diarrhœa, Scarlatina, Diphtheria, and many other diseases. If, then, the Vaccination Act were producing satisfactory results, it ought to show that, as it applies solely to infants, the relative mortality from Small-pox of children under five years of age has diminished under its operation.

Table XXII. has been drawn up to show the facts which have been ascertained on that point in Scotland, and the facts brought to light merit the deepest attention. In order, however, to avoid misunderstanding the facts in that Table, it has to borne in mind that since the vaccination was introduced into Scotland, upwards of 22975 children have probably escaped vaccination, and that it is from them, and from those infants who take Small-pox before they are vaccinated, that the deaths under five years chiefly, if not wholly, occur. This Table, then, shows that before the Vaccination Act was enforced in Scotland, 75 per cent. of all who died from Small-pox were under five years of age. But in 1863, the vaccination of infants had so reduced the relative mortality under five years of age, that only $26\frac{1}{2}$ per cent. of all the persons who died from Small-pox were under five years of age. This Table, in fact, proves in the strongest manner

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TABLE XXII.—SMALL-POX DEATHS in the Eight Principal Towns at different Ages in 1873, compared with those of the Ten years, 1855–1864, in the same Towns before the Vaccination Act came into operation.

AGES.	SMALL-POX DEATHS, 1873.		SMALL-POX DEATHS, 1855–1864.	
	Number.	Percentage at each Age.	Number.	Percentage at each Age.
0–5	124	26·55	4062	75·03
5–20	115	24·63	660	12·19
20–60	225	48·18	687	12·67
60 and above.	3	0·64	6	0·11
Total . .	467	100·00	5415	100·00

that the late dreaded epidemic of Small-pox, under which Scotland has been suffering, has been chiefly kept up by the large proportion of persons above five years of age in the population who were unvaccinated, or imperfectly vaccinated; so that the wonder is not that we should have occasional epidemics of Small-pox, but that the mortality therefrom should be so light.

I have the honour to be,

SIR,

Your most obedient Servant,

JAMES STARK.

STATISTICAL DEPARTMENT,
16*th April* 1874.

ABSTRACTS

OF THE

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN EVERY

COUNTY AND REGISTRATION DISTRICT

OF

SCOTLAND

IN

1873;

ALSO OF

THE VACCINATIONS

IN EVERY COUNTY AND DISTRICT

OF THE CHILDREN BORN IN

SCOTLAND

IN

1872.

I.—BIRTHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1873.

		Popula-tion.	BIRTHS.														
		1871.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births.	Males	Fem.	Total Illegit. Births.
	SCOTLAND, -	3,360,018	10381	9307	10522	10521	10870	9892	9910	9338	9727	10173	9021	10076	119738	61532	58206	10804
	GROUPS OF DISTRICTS.																	
1	PRINCIPAL TOWNS, .	1,068,556	3718	3214	3701	3616	3838	3383	3578	3135	3309	3514	3023	3477	41506	21241	20265	3783
2	LARGE TOWNS, .	337,469	1198	1137	1232	1297	1220	1157	1164	1058	1131	1214	1072	1224	14104	7291	6813	990
3	SMALL TOWNS, .	772,875	2443	2159	2563	2544	2558	2445	2348	2307	2388	2396	2196	2472	28819	14899	13920	2381
4	MAINLAND-RURAL, .	1,049,114	2727	2514	2762	2816	3008	2641	2494	2606	2567	2756	2439	2614	31944	16360	15584	3466
5	INSULAB-RURAL, .	132,004	295	283	264	248	246	266	326	232	332	293	291	289	3365	1741	1624	184
	DIVISIONS.																	
1	NORTHERN, . .	127,191	239	220	238	264	300	266	247	223	283	280	258	252	3070	1582	1488	223
2	NORTH-WESTERN, .	166,351	381	350	370	342	301	334	406	326	373	354	367	355	4259	2187	2072	270
3	NORTH-EASTERN, .	393,199	1070	1036	1081	1102	1115	1041	1026	1074	1071	1071	948	1022	12657	6517	6140	1799
4	EAST-MIDLAND, .	559,676	1539	1435	1610	1602	1682	1570	1535	1453	1510	1596	1423	1585	18540	9482	9058	1768
5	WEST-MIDLAND, .	251,088	709	618	763	790	781	683	679	649	691	670	612	666	8311	4274	4037	576
6	SOUTH-WESTERN, .	1,183,218	4457	3835	4503	4392	4593	4089	4148	3830	4076	4257	3702	4363	50245	25881	24364	3860
7	SOUTH-EASTERN, .	470,206	1462	1300	1427	1460	1547	1431	1366	1302	1265	1394	1262	1351	16567	8479	8088	1371
8	SOUTHERN, . .	209,089	524	513	530	569	551	478	503	481	458	551	449	482	6089	3130	2959	937
	I. NORTHERN.																	
1	Shetland, . . .	31,608	49	41	36	52	67	67	58	54	70	89	72	60	715	374	341	29
2	Orkney, . . .	31,274	48	68	81	61	72	67	64	53	69	71	59	70	783	407	376	47
3	Caithness, . .	41,011	90	70	83	102	105	91	84	83	93	78	80	74	1033	532	501	112
4	Sutherland, . .	23,298	52	41	38	49	56	41	41	33	51	42	47	48	539	269	270	35
	II. NORTH-WESTERN.																	
5	Ross and Cromarty, .	82,093	160	158	185	165	124	170	211	170	172	176	178	159	2028	1052	976	82
6	Inverness, . .	84,258	221	192	185	177	177	164	195	156	201	178	189	196	2231	1135	1096	188
	III. NORTH-EASTERN.																	
7	Nairn, . . .	8,372	26	27	21	24	20	14	23	16	17	27	19	13	247	125	122	13
8	Elgin (or Moray), .	44,549	120	99	105	121	113	96	104	92	93	94	86	80	1203	635	568	191
9	Banff, . . .	58,883	144	135	160	151	161	143	152	162	165	127	124	165	1789	944	845	276
10	Aberdeen, . .	246,298	687	670	717	718	706	693	668	722	718	717	640	678	8334	4247	4087	1171
11	Kincardine, . .	35,097	93	105	78	88	115	95	79	82	78	106	79	86	1084	566	518	148
	IV. EAST-MIDLAND.																	
12	Forfar, . . .	240,049	758	650	759	738	789	711	727	653	665	797	687	735	8669	4463	4206	962
13	Perth, . . .	128,550	277	272	285	304	308	287	272	263	283	263	270	289	3373	1702	1671	333
14	Fife, . . .	160,924	424	439	463	479	491	486	463	446	474	453	391	485	5494	2800	2694	401
15	Kinross, . . .	7,918	16	12	18	13	21	14	13	14	13	16	13	16	179	85	94	19
16	Clackmannan, . .	22,235	64	62	85	68	73	72	60	77	75	67	62	60	825	432	393	53
	V. WEST-MIDLAND.																	
17	Stirling, . . .	93,345	285	300	340	351	357	291	269	298	324	301	285	260	3661	1907	1754	274
18	Dumbarton, . .	61,116	206	160	219	206	221	189	217	178	168	187	158	185	2294	1170	1124	136
19	Argyll, . . .	79,661	184	126	174	197	175	169	159	144	166	154	147	177	1972	1000	972	140
20	Bute, . . .	16,966	34	32	30	36	28	34	34	29	33	28	22	44	384	197	187	26
	VI. SOUTH-WESTERN.																	
21	Renfrew, . . .	195,305	667	603	691	701	736	614	663	593	631	693	534	661	7787	4057	3730	536
22	Ayr, . . .	200,908	693	625	724	676	749	673	638	610	677	644	620	718	8047	4090	3957	620
23	Lanark, . . .	787,005	3097	2607	3088	3015	3108	2802	2847	2627	2768	2920	2548	2984	34411	17734	16677	2704
	VII. SOUTH-EASTERN.																	
24	Linlithgow, . .	41,379	159	112	153	155	180	160	128	140	123	132	151	125	1718	911	807	145
25	Edinburgh, . .	328.138	1024	917	996	1015	1048	999	949	902	875	961	865	953	11504	5834	5670	918
26	Haddington, . .	37,755	90	91	107	104	111	94	87	90	94	111	88	96	1163	609	554	104
27	Berwick, . . .	36,382	74	100	79	86	95	73	94	85	81	88	75	80	1010	510	500	102
28	Peebles, . . .	12,218	29	24	24	30	34	34	34	33	30	30	27	32	361	184	177	33
29	Selkirk, . . .	14,334	86	56	68	70	79	71	74	52	62	72	56	65	811	431	380	69
	VIII. SOUTHERN.																	
30	Roxburgh, . .	53,558	133	153	124	131	154	122	119	120	118	149	112	123	1558	810	748	179
31	Dumfries, . .	74,842	197	170	189	198	177	169	193	187	175	197	171	165	2188	1103	1085	340
32	Kirkcudbright, . .	42,087	101	103	112	127	106	97	97	103	87	102	74	114	1223	642	581	213
33	Wigtown, . .	38,602	93	87	105	113	114	90	94	71	78	103	92	80	1120	575	545	205

II.—DEATHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1873.

		Population.	DEATHS.														
		1871.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths.	Males.	Fem.
	SCOTLAND, -	3,360,018	6587	7242	7614	6762	6959	6210	6150	5583	5339	5730	5950	6731	76857	39028	37829
	GROUPS OF DISTRICTS.																
1	PRINCIPAL TOWNS, . .	1,078,556	2441	2790	2859	2567	2651	2449	2486	2216	2176	2379	2352	2638	30004	15223	14781
2	LARGE TOWNS, . . .	337,469	720	849	941	821	915	732	708	634	673	711	755	885	9344	4797	4547
3	SMALL TOWNS, . .	772,875	1493	1593	1724	1497	1551	1425	1413	1294	1135	1241	1316	1531	17213	8807	8406
4	MAINLAND-RURAL, .	1,049,114	1725	1780	1851	1680	1647	1459	1402	1277	1215	1238	1365	1498	18137	9178	8959
5	INSULAR-RURAL, .	132,004	208	230	239	197	195	145	141	162	140	161	162	179	2159	1023	1136
	DIVISIONS.																
1	NORTHERN, . . .	127,191	206	197	219	204	208	149	152	138	150	152	138	155	2068	996	1072
2	NORTH-WESTERN, . .	166,351	260	309	334	262	249	225	195	194	168	195	229	209	2829	1404	1425
3	NORTH-EASTERN, . .	393,199	631	638	680	583	644	524	538	461	459	510	518	599	6785	3383	3402
4	EAST-MIDLAND, . .	559,676	1055	1096	1165	1017	993	946	948	918	840	853	872	999	11702	5817	5885
5	WEST-MIDLAND, . .	251,088	511	484	542	501	524	444	419	393	375	407	452	473	5525	2842	2683
6	SOUTH-WESTERN, . .	1,183,218	2635	3133	3266	2967	3085	2724	2775	2520	2370	2573	2680	3047	33775	17490	16285
7	SOUTH-EASTERN, . .	470,206	931	976	981	852	876	866	812	701	727	785	802	931	10240	5188	5052
8	SOUTHERN, . . .	209,089	358	409	427	376	380	332	311	258	250	255	259	318	3933	1908	2025
	I. NORTHERN.																
1	Shetland, . . .	31,608	45	35	40	39	38	31	25	37	28	36	32	46	432	190	242
2	Orkney, . . .	31,274	50	56	69	55	52	34	29	29	32	34	36	42	518	267	251
3	Caithness, . . .	41,011	82	65	80	69	84	54	60	48	58	47	35	41	723	354	369
4	Sutherland, . . .	23,298	29	41	30	41	34	30	38	24	32	35	35	26	395	185	210
	II. NORTH-WESTERN.																
5	Ross and Cromarty, . .	82,093	118	133	149	117	108	104	106	95	62	79	103	87	1261	635	626
6	Inverness, . . .	84,258	142	176	185	145	141	121	89	99	106	116	126	122	1568	769	799
	III. NORTH-EASTERN.																
7	Nairn, ...	8,372	7	20	13	8	14	14	18	13	11	8	16	13	155	68	87
8	Elgin (or Moray), . .	44,549	69	72	80	67	69	64	56	51	47	50	59	52	736	364	372
9	Banff, ...	58,883	88	99	115	89	88	97	72	67	67	65	59	76	982	518	464
10	Aberdeen, . . .	246,298	414	383	419	368	417	310	352	287	310	348	343	410	4361	2162	2199
11	Kincardine, . . .	35,097	53	64	53	51	56	39	40	43	24	39	41	48	551	271	280
	IV. EAST-MIDLAND.																
12	Forfar, ...	240,049	488	504	540	446	461	437	482	456	403	393	391	470	5471	2723	2748
13	Perth, ...	128,550	232	267	242	234	211	195	196	178	175	200	215	208	2553	1264	1289
14	Fife, ...	160,924	274	265	326	289	277	263	223	221	214	222	222	268	3064	1539	1525
15	Kinross, ...	7,918	21	18	13	12	12	17	13	10	13	11	5	13	158	65	93
16	Clackmannan, . . .	22,235	40	42	44	36	32	34	34	53	35	27	39	40	456	226	230
	V. WEST-MIDLAND.																
17	Stirling, ...	93,345	211	189	211	192	191	190	176	135	148	160	176	169	2148	1148	1000
18	Dumbarton, ...	61,116	127	123	115	124	147	118	95	95	91	115	128	156	1434	753	681
19	Argyll, ...	79,661	141	136	185	155	148	105	120	125	103	105	122	118	1563	773	790
20	Bute, ...	16,966	32	36	31	30	38	31	28	38	33	27	26	30	380	168	212
	VI. SOUTH-WESTERN.																
21	Renfrew, ...	195,305	425	529	545	506	464	435	458	453	439	542	534	507	5837	2986	2851
22	Ayr, ...	200,908	384	420	458	412	448	388	371	386	325	381	366	477	4816	2517	2299
23	Lanark, ...	787,005	1826	2184	2263	2049	2173	1901	1946	1681	1606	1650	1780	2063	23122	11987	11135
	VII. SOUTH-EASTERN.																
24	Linlithgow, . . .	41,379	87	99	82	69	95	80	65	55	62	72	70	89	925	499	426
25	Edinburgh, . . .	328,138	640	670	664	619	609	633	574	516	547	574	585	676	7307	3672	3635
26	Haddington, . . .	37,755	75	97	97	54	61	56	71	46	48	62	53	59	779	391	388
27	Berwick, ...	36,382	63	52	71	64	50	46	50	42	31	43	54	50	616	318	298
28	Peebles, ...	12,218	14	12	21	19	25	17	19	11	14	8	12	17	189	94	95
29	Selkirk, ...	14,334	52	46	46	27	36	34	33	31	25	26	28	40	424	214	210
	VIII. SOUTHERN.																
30	Roxburgh, . . .	53,558	70	90	87	95	85	79	89	58	55	79	60	93	940	454	486
31	Dumfries, . . .	74,842	158	160	158	149	152	135	118	117	100	94	96	107	1544	752	792
32	Kirkcudbright, . . .	42,087	64	83	94	72	62	64	51	36	62	47	54	56	745	355	390
33	Wigtown, . . .	38,602	66	76	88	60	81	54	53	47	33	35	49	62	704	347	357

III.—MARRIAGES

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1873.

		Population.		MARRIAGES.												
		1861	1871	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Total.
	SCOTLAND, -	3,062,294	3,360,018	3388	1554	1676	1580	1212	3898	2624	1583	1609	1857	2580	3169	26730
	GROUPS OF DISTRICTS.															
1	PRINCIPAL TOWNS, . . .	884,955	1,067,556	1385	605	665	699	511	1481	1178	647	721	697	1020	987	10596
2	LARGE TOWNS, . .	277,333	337,469	400	161	189	175	135	465	345	198	202	259	311	341	3181
3	SMALL TOWNS, . .	704,528	772,875	778	358	384	344	248	903	562	385	370	481	552	712	6077
4	MAINLAND-RURAL, . .	1,061,793	1,049,114	721	343	371	336	299	1016	515	332	291	393	623	1047	6287
5	INSULAR-RURAL, . .	136,785	132,004	104	87	67	26	19	33	24	21	25	27	74	82	589
	DIVISIONS.															
1	NORTHERN, . . .	130,422	127,191	80	69	42	23	28	46	37	34	28	45	91	100	623
2	NORTH-WESTERN, . .	167,242	166,351	124	87	74	41	39	62	40	33	30	38	60	101	729
3	NORTH-EASTERN, . .	366,870	393,199	229	136	150	120	165	395	205	146	137	212	229	418	2542
4	EAST-MIDLAND, . .	523,822	559,676	583	195	257	224	217	643	354	242	223	261	415	547	4161
5	WEST-MIDLAND, . .	242,487	251,088	218	125	119	75	56	232	162	95	110	107	185	224	1708
6	SOUTH-WESTERN, . .	1,008,273	1,183,218	1536	653	705	733	454	1626	1324	725	759	775	1123	1163	11576
7	SOUTH-EASTERN, . .	408,962	470,206	494	213	243	284	199	647	379	240	262	287	353	419	4020
8	SOUTHERN, . . .	214,216	209,089	124	76	86	80	54	247	123	68	60	132	124	197	1371
	I. NORTHERN.															
1	Shetland, . . .	31,670	31,608	30	21	8	0	4	1	7	11	6	8	22	26	144
2	Orkney, . . .	32,395	31,274	17	17	17	10	10	14	5	9	6	11	37	26	179
3	Caithness, . . .	42,200	41,011	17	12	14	11	13	22	17	9	15	17	22	31	200
4	Sutherland, . . .	24,157	23,298	16	19	3	2	1	9	8	5	1	9	10	17	100
	II. NORTH-WESTERN.															
5	Ross and Cromarty, . .	82,427	82,093	72	44	33	20	19	16	12	13	8	25	34	54	350
6	Inverness, . . .	84,815	84,258	52	43	41	21	20	46	28	20	22	13	26	47	379
	III. NORTH-EASTERN.															
7	Nairn, ...	8,347	8,372	0	6	1	2	2	12	2	3	2	5	4	6	45
8	Elgin (or Moray), . .	44,305	44,549	18	10	17	18	10	40	15	19	8	33	17	36	241
9	Banff, ...	56,020	58,883	36	18	20	13	29	65	32	14	12	50	20	62	371
10	Aberdeen, . . .	223,417	246,298	153	91	104	79	116	243	143	95	106	106	163	281	1680
11	Kincardine, . . .	34,781	35,097	22	11	8	8	8	35	13	15	9	18	25	33	205
	IV. EAST-MIDLAND.															
12	Forfar, ...	206,750	240,049	287	94	122	113	115	351	152	124	108	119	147	250	1982
13	Perth, ...	133,198	128,550	91	34	47	38	38	120	75	36	34	40	79	133	765
14	Fife, ...	155,021	160,924	170	52	75	56	60	140	109	63	77	92	163	148	1205
15	Kinross, ...	8,731	7,918	6	2	4	1	1	7	5	1	1	0	11	5	44
16	Clackmannan, . . .	20,122	22,235	29	13	9	16	3	25	13	18	3	10	15	11	165
	V. WEST-MIDLAND.															
17	Stirling, ...	88,138	93,345	126	49	60	28	28	110	80	49	43	43	83	114	813
18	Dumbarton, . . .	54,179	61,116	51	25	35	25	16	62	47	19	33	34	40	55	442
19	Argyll, ...	83,859	79,661	34	42	16	17	12	39	28	20	30	24	50	48	360
20	Bute, ...	16,311	16,966	7	9	8	5	0	21	7	7	4	6	12	7	93
	VI. SOUTH-WESTERN.															
21	Renfrew, ...	168,746	195,305	247	101	119	122	76	242	192	152	96	108	184	138	1777
22	Ayr, ...	199,083	200,908	234	99	118	107	50	272	153	160	134	117	147	233	1824
23	Lanark, ...	640,444	787,005	1055	453	468	504	328	1112	979	415	529	550	792	792	7975
	VII. SOUTH-EASTERN.															
24	Linlithgow, . . .	39,045	41,379	58	26	16	22	15	55	26	16	24	21	21	36	336
25	Edinburgh, . . .	273,792	328,138	365	155	189	209	144	464	299	195	214	204	275	279	2992
26	Haddington, . . .	37,626	37,755	38	8	8	14	13	50	13	6	14	25	20	45	254
27	Berwick, ...	36,488	36,382	15	10	10	22	10	34	15	13	4	15	18	28	194
28	Peebles, ...	11,264	12,218	7	3	6	3	6	16	10	1	1	3	4	6	66
29	Selkirk, ...	10,747	14,334	11	11	14	14	11	28	16	9	5	19	15	25	178
	VIII. SOUTHERN.															
30	Roxburgh, . . .	53,722	53,558	36	23	24	26	19	64	28	18	15	19	16	54	342
31	Dumfries, ...	75,904	74,842	50	22	23	16	14	83	46	22	23	82	56	79	516
32	Kirkcudbright, . . .	42,680	42,087	20	12	26	20	9	62	21	14	13	18	26	32	273
33	Wigtown, . . .	41,910	38,602	18	19	13	18	12	38	28	14	9	13	26	32	240

IV.—Total DEATHS from all Causes at Four Periods of Life in the Eight Principal Towns of Scotland.—Year 1873.

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
ALL CAUSES	12485	3281	8777	5461	30004
SPECIFIED CAUSES	12314	3261	8696	5446	29717
DISEASES :—					
I. Zymotic Class	4068	1133	970	264	6435
II. Dropsy, Cancer, and others of uncertain seat	77	51	511	329	968
III. Tubercular Class	1370	1032	2297	108	4807
IV. Of Brain, etc.	905	253	730	880	2768
V. Of Heart, etc.	20	80	855	603	1558
VI. Of Resp. Organs	2770	295	1492	1250	5807
VII. Of Digest. Organs	1104	104	581	288	2077
VIII. Of Kidneys, etc.	24	63	232	156	475
IX. Of Uterus, etc.	2	6	231	11	250
X. Of Joints, Bones, etc.	7	73	61	44	185
XI. Of Skin, etc.	14	1	10	8	33
XII. Malformations	61	–	–	–	61
XIII. Debility from Premature Birth	1536	–	–	–	1536
XIV. Atrophy	103	25	88	–	216
XV. Age	–	–	1	1348	1349
XVI. Sudden	18	4	34	23	79
XVII. Violence, Privation, etc.	235	142	602	134	1113
I. Small-pox	124	115	225	3	467
Measles	890	59	8	–	957
Scarlatina	686	436	25	–	1147
Diphtheria	261	90	12	2	365
Hooping-Cough	612	32	–	–	644
Croup	369	47	2	2	420
Thrush	21	–	–	–	21
Diarrhœa	750	41	99	124	1014
Dysentery	13	–	31	24	68
Cholera	22	2	12	4	40
Influenza	7	4	5	14	30
Purpura; Scurvy	5	4	7	–	16
Ague	–	–	1	–	1
Worms	3	1	–	–	4
Typhus Fever	40	65	219	25	349
Enteric Fever	92	168	161	29	450
Relapsing Fever	3	6	5	1	15
Simple Cont. Fever	10	5	3	3	21
Infant. Rem. Fever	33	18	–	–	51
Metria	–	9	84	–	93
Rheumatic Fever	3	16	24	3	46
Erysipelas	57	11	32	28	128
Pyæmia	2	3	4	–	9
Syphilis	60	1	10	2	73
Noma	5	–	1	–	6
Hydrophobia	–	–	–	–	–
II. Hæmorrhage	5	3	26	3	37
Dropsy	38	37	128	101	304
Abscess	22	7	26	10	65
Ulcer	4	1	9	10	24
Fistula	–	1	3	2	6
Mortification	8	–	12	29	49
Cancer	–	2	304	171	477
Gout	–	–	3	3	6
III. Scrofula	120	80	56	6	262
Tabes Mesenterica	305	87	24	–	416
Phthisis	244	762	2212	101	3319
Hydrocephalus	701	103	5	1	810

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
IV. Cephalitis	189	94	33	8	324
Apoplexy	106	24	240	263	633
Paralysis	4	12	201	478	695
Delirium Tremens	–	–	26	4	30
Chorea	–	–	1	–	1
Epilepsy	5	13	55	14	87
Tetanus	2	1	5	1	9
Insanity	–	–	10	8	18
Convulsions	490	26	9	1	526
Dis. of Brain, etc.	109	83	150	103	445
V. Pericarditis	1	3	10	5	19
Aneurism	–	2	32	18	52
Dis. of Heart, etc.	19	75	813	580	1487
VI. Laryngitis	39	6	14	3	62
Bronchitis	2145	134	855	967	4101
Pleurisy	6	10	56	16	88
Pneumonia	545	123	411	183	1262
Asthma	–	2	72	51	125
Dis. of Lungs, etc.	35	20	84	30	169
VII. Teething	509	1	–	–	510
Quinsey	28	3	4	3	38
Gastritis	32	6	36	8	82
Enteritis	275	21	67	22	385
Peritonitis	15	23	55	11	104
Ascites	–	1	9	5	15
Ulcer. of Intest.	2	7	21	10	40
Hernia	6	–	24	26	56
Ileus	21	6	38	34	99
Intussusception	4	1	3	1	9
Strict. of Intest.	1	–	5	8	14
Dis. of Stomach	155	17	72	62	306
Dis. of Pancreas	–	–	–	1	1
Hepatitis	5	5	29	9	48
Jaundice	28	4	25	19	76
Dis. of Liver	23	7	182	68	280
Dis. of Spleen	–	2	11	1	14
VIII. Nephritis	10	10	13	6	39
Nephria	2	18	81	24	125
Addison's Disease	–	–	3	1	4
Ischuria	5	1	12	9	27
Diabetes	2	8	20	5	35
Stone	1	3	7	9	20
Cystitis	1	1	12	21	35
Strict. of Urethra	–	–	7	4	11
Dis. of Kidneys	3	22	77	77	179
IX. Paramenia	1	2	4	1	8
Ovarian Dropsy	–	–	14	5	19
Childbirth	–	4	187	–	191
Dis. of Uterus	1	–	26	5	32
X. Arthritis	–	2	8	1	11
Rheumatism	1	8	25	36	70
Dis. of Joints, etc.	6	63	28	7	104
XI. Carbuncle	–	–	4	3	7
Phlegmon	–	1	–	1	2
Dis. of Skin	14	–	6	4	24
XVII. Intemperance	–	–	67	15	82
Privation of Food	1	–	–	–	1
Wt. Breast-milk	60	–	–	–	60
Neglect	1	–	–	–	1
Cold	–	–	–	2	2
Poison	5	4	9	3	21
Poisoned Wounds	–	–	2	–	2
Burns and Scalds	45	18	28	7	98
Hanging, etc.	–	–	19	3	22
Suffocation	69	4	17	3	93
Drowning	10	23	140	15	188
Fractures & Contus.	32	88	286	78	484
Gunshot Wounds	–	–	2	–	2
Cuts and Stabs	–	–	12	1	13
Other Vio. Causes	12	5	20	7	44
Not specified	171	20	81	15	287

V.—DEATHS from all Causes at Four Periods of Life Year 1873.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
ALL CAUSES	6592	1701	4171	2030	14494	1567	363	1486	1161	4577	1358	293	1010	619	3280	768	243	533	576	2120
SPECIFIED CAUSES	6529	1692	4125	2021	14367	1558	361	1481	1160	4560	1337	292	1003	617	3249	764	241	531	576	2112
DISEASES :—																				
I. Zymotic Class	2065	548	417	84	3114	454	103	154	41	752	464	99	132	43	738	277	103	50	31	461
II. Dropsy, Cancer, and others of uncertain seat	33	29	192	108	362	13	8	108	89	218	9	4	62	34	109	6	4	44	37	91
III. Tubercular Class	788	558	1135	39	2520	194	117	375	18	704	100	78	256	12	446	75	76	157	13	321
IV. Of Brain, etc	491	133	299	302	1225	133	32	147	201	513	90	32	85	100	307	70	14	52	90	226
V. Of Heart, etc.	10	37	375	198	620	3	16	208	144	371	1	8	95	71	175	–	5	51	67	123
VI. Of Resp. Organs	1557	179	827	588	3151	341	31	195	253	820	313	27	187	123	650	152	8	64	102	326
VII. Of Digest. Organs	670	49	271	106	1096	102	15	95	74	286	84	13	52	32	181	63	6	37	35	141
VIII. Of Kidneys, etc.	13	28	97	53	191	4	16	60	39	119	2	8	20	12	42	1	5	21	30	57
IX. Of Uterus, etc.	–	4	104	3	111	–	1	39	5	45	1	–	23	2	26	1	1	17	–	19
X. Of Joints, Bones, etc.	2	45	31	20	98	2	10	10	8	30	1	6	6	5	18	1	4	5	2	12
XI. Of Skin, etc.	6	–	3	4	13	2	–	3	2	7	1	–	1	1	3	2	–	1	–	3
XII. Malformations	18	–	–	–	18	13	–	–	–	13	7	–	–	–	7	10	–	–	–	10
XIII. Debility from Premature Birth	725	–	–	–	725	237	–	–	–	237	220	–	–	–	220	91	–	–	–	91
XIV. Atrophy	41	8	39	–	88	13	3	16	–	32	7	–	16	–	23	1	2	4	–	7
XV. Age	–	–	–	439	439	–	–	–	263	263	–	–	1	166	167	–	–	–	156	156
XVI. Sudden	9	1	25	18	53	1	–	1	1	3	3	1	2	1	7	–	–	1	1	2
XVII. Violence, Privation, etc.	101	73	310	59	543	46	9	70	22	147	34	16	65	15	130	14	14	26	12	66
I. Small-pox	45	59	120	2	226	2	5	7	–	14	7	2	6	–	15	1	1	–	–	2
Measles	583	41	4	–	628	126	4	1	–	131	21	2	1	–	24	20	2	–	–	22
Scarlatina	351	217	12	–	580	23	25	1	–	49	25	16	2	–	43	56	56	4	–	116
Diphtheria	106	37	6	–	149	27	5	3	–	35	72	24	1	–	97	18	7	–	–	25
Hooping-Cough	302	17	–	–	319	82	4	–	–	86	76	3	–	–	79	80	5	–	–	85
Croup	173	21	–	–	194	39	6	1	–	46	54	11	1	1	67	24	3	–	1	28
Thrush	4	–	–	–	4	3	–	–	–	3	6	–	–	–	6	8	–	–	–	8
Diarrhœa	323	26	49	45	443	106	4	15	15	140	171	6	23	17	217	38	2	2	13	55
Dysentery	5	–	10	7	22	2	–	–	3	5	2	–	14	5	21	1	–	3	3	7
Cholera	9	2	6	1	18	5	–	2	1	8	2	–	1	–	3	1	–	–	1	2
Influenza	6	4	3	7	20	1	–	–	3	4	–	–	–	4	4	–	–	2	–	2
Purpura; Scurvy	2	1	4	–	7	3	–	1	–	4	–	2	–	–	2	–	–	–	–	–
Ague	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–
Worms	3	1	–	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typhus Fever	13	8	57	1	79	4	17	47	7	75	1	9	48	7	65	4	10	22	4	40
Enteric Fever	65	83	78	9	235	6	27	37	5	75	5	17	15	6	43	6	12	8	5	31
Relapsing Fever	–	3	1	1	5	1	–	2	–	3	–	–	–	–	–	–	1	1	–	2
Simple Cont. Fever	5	4	3	–	12	–	1	–	–	1	–	–	–	–	–	2	–	–	–	2
Infant. Rem. Fever	16	8	–	–	24	3	2	–	–	5	2	–	–	–	2	6	3	–	–	9
Metria	–	4	30	–	34	–	–	19	–	19	–	3	14	–	17	–	–	3	–	3
Rheumatic Fever	2	5	10	1	18	–	2	8	1	11	–	3	3	1	7	–	1	2	–	3
Erysipelas	25	5	16	10	56	8	–	7	6	21	5	1	2	1	9	3	–	2	3	8
Pyæmia	1	2	–	–	3	–	–	1	–	1	–	–	–	–	–	1	–	1	–	2
Syphilis	23	–	7	–	30	13	1	2	–	16	13	–	–	1	14	8	–	–	1	9
Noma	3	–	1	–	4	–	–	–	–	–	2	–	–	–	2	–	–	–	–	–
Hydrophobia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Hæmorrhage	4	1	6	1	12	–	1	4	1	6	–	1	5	–	6	1	–	4	–	5
Dropsy	18	23	58	41	140	4	3	5	16	28	4	3	23	15	45	3	2	10	6	21
Abscess	9	5	13	3	30	9	1	3	2	15	2	–	2	1	5	–	1	4	1	6
Ulcer	1	–	2	3	6	–	–	3	2	5	1	–	1	–	2	1	1	1	2	5
Fistula	–	–	–	1	1	–	1	3	1	5	–	–	–	–	–	–	–	–	–	–
Mortification	1	–	4	4	9	–	–	2	11	13	2	–	3	2	7	1	–	2	4	7
Cancer	–	–	108	55	163	–	2	88	53	143	–	–	28	16	44	–	–	23	24	47
Gout	–	–	1	–	1	–	–	–	3	3	–	–	–	–	–	–	–	–	–	–
III. Scrofula	66	35	21	1	123	17	16	12	3	48	9	7	2	–	18	1	5	10	1	17
Tabes Mesenterica	190	51	14	–	255	47	12	2	–	61	14	1	3	–	18	13	6	1	–	20
Phthisis	160	421	1096	37	1714	21	71	360	15	467	14	67	251	12	344	12	55	146	12	225
Hydrocephalus	372	51	4	1	428	109	18	1	–	128	63	3	–	–	66	49	10	–	–	59

Year 1873.

CAUSES OF DEATH.	GREENOCK.					PAISLEY.					LEITH.					PERTH.					Grand Total.
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	
ALL CAUSES . . .	1016	290	635	283	2224	567	252	412	357	1588	474	75	314	221	1084	143	64	216	214	637	30004
SPECIFIED CAUSES . .	962	286	621	283	2152	551	251	409	356	1567	471	74	313	222	1078	142	64	213	213	632	29717
DISEASES :—																					
I. Zymotic Class .	395	130	132	16	673	236	109	27	20	392	139	24	38	17	218	38	17	20	12	87	6435
II. Dropsy, Cancer, and others of uncertain seat .	9	2	36	16	63	4	3	30	20	57	3	–	20	21	44	–	1	19	4	24	968
III. Tubercular Class	72	73	125	12	282	65	80	121	7	273	61	22	63	3	149	15	28	65	4	112	4807
IV. Of Brain, etc. .	57	16	55	47	175	26	16	41	60	143	30	4	27	42	103	8	6	24	38	76	2768
V. Of Heart, etc. .	4	5	52	42	103	1	4	27	26	58	1	2	26	19	48	–	3	21	36	60	1558
VI. Of Resp. Organs .	180	18	80	46	324	83	20	63	61	227	112	10	49	47	218	32	2	27	30	91	5807
VII. Of Digest. Organs	76	10	36	6	128	59	8	43	12	122	39	2	34	11	86	11	1	13	12	37	2077
VIII. Of Kidneys, etc. .	3	3	12	7	25	–	–	9	3	12	–	1	10	6	17	1	2	3	6	12	475
IX. Of Uterus, etc. .	–	–	16	–	16	–	–	13	–	13	–	–	17	1	18	–	–	2	–	2	250
X. Of Joints, Bones, etc.	–	5	4	1	10	–	1	3	5	9	–	2	2	2	6	1	–	–	1	2	185
XI. Of Skin, etc. . .	1	1	1	1	4	–	–	–	–	–	2	–	–	–	2	–	–	1	–	1	33
XII. Malformations .	6	–	–	–	6	3	–	–	–	3	2	–	–	–	2	2	–	–	–	2	61
XIII. Debility from Premature Birth .	106	–	–	–	106	57	–	–	–	57	69	–	–	–	69	31	–	–	–	31	1536
XIV. Atrophy . .	26	8	4	–	38	9	2	4	–	15	6	2	3	–	11	–	–	2	–	2	216
XV. Age . . .	–	–	–	79	79	–	–	–	131	131	–	–	–	49	49	–	–	–	65	65	1349
XVI. Sudden . . .	4	1	1	–	6	1	1	2	2	6	–	–	1	–	1	–	–	1	–	1	79
XVII. Violence, Privation, etc. .	23	14	67	10	114	7	7	26	9	49	7	5	23	2	37	3	4	15	5	27	1113
I. Small-pox . .	64	48	86	–	198	3	–	5	1	9	2	–	1	–	3	–	–	–	–	–	467
Measles . .	85	7	1	–	93	25	2	–	–	27	27	1	1	–	29	3	–	–	–	3	957
Scarlatina . .	90	38	4	–	132	133	80	1	–	214	8	2	1	–	11	–	2	–	–	2	1147
Diphtheria . .	27	8	1	1	37	9	5	–	–	14	2	–	–	1	3	–	4	1	–	5	365
Hooping-Cough .	37	2	–	–	39	8	–	–	–	8	25	1	–	–	26	2	–	–	–	2	644
Croup . . .	27	–	–	–	27	23	2	–	–	25	23	3	–	–	26	6	1	–	–	7	420
Thrush . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	21
Diarrhœa . .	37	1	3	10	51	21	2	2	10	35	37	–	3	7	47	17	–	2	7	26	1014
Dysentery . .	–	–	2	–	2	1	–	1	3	5	1	–	–	1	2	1	–	1	2	4	68
Cholera . .	5	–	1	–	6	–	–	2	–	2	–	–	–	1	1	–	–	–	–	–	40
Influenza . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	30
Purpura; Scurvy	–	–	2	–	2	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	16
Ague . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Worms . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
Typhus Fever .	11	7	9	–	27	1	3	7	2	13	2	7	21	3	33	4	4	8	1	17	349
Enteric Fever .	4	12	11	2	29	3	5	3	2	13	3	7	7	–	17	–	5	2	–	7	450
Relapsing Fever .	–	–	–	–	–	1	1	1	–	3	1	1	–	–	2	–	–	–	–	–	15
Simple Cont. Fever	–	–	–	1	1	1	–	–	–	1	1	–	–	–	1	1	–	–	2	3	21
Infant. Rem. Fever	1	1	–	–	2	2	4	–	–	6	3	–	–	–	3	–	–	–	–	–	51
Metria . . .	–	1	7	–	8	–	1	4	–	5	–	–	3	–	3	–	–	4	–	4	93
Rheumatic Fever .	–	2	1	–	3	1	3	–	–	4	–	–	–	–	–	–	–	–	–	–	46
Erysipelas . .	6	3	2	2	13	4	1	1	2	8	3	–	1	4	8	3	1	1	–	5	128
Pyæmia . . .	–	–	1	–	1	–	–	–	–	–	–	1	–	–	1	–	–	1	–	1	9
Syphilis . .	1	–	1	–	2	–	–	–	–	–	1	–	–	–	1	1	–	–	–	1	73
Noma . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
Hydrophobia .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Hæmorrhage .	–	–	1	–	1	–	–	3	1	4	–	–	2	–	2	–	–	1	–	1	37
Dropsy . . .	5	2	13	6	26	2	3	10	8	23	2	–	7	7	16	–	1	2	2	5	304
Abscess . .	–	–	1	–	1	1	–	1	2	4	1	–	–	1	2	–	–	2	–	2	65
Ulcer . . .	1	–	–	–	1	–	–	–	1	1	–	–	2	2	4	–	–	–	–	–	24
Fistula . . .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
Mortification .	3	–	1	5	9	1	–	–	1	2	–	–	–	1	1	–	–	–	1	1	49
Cancer . . .	–	–	19	5	24	–	–	16	7	23	–	–	9	10	19	–	–	13	1	14	477
Gout . . .	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	6
III. Scrofula . .	20	11	5	–	36	2	2	–	1	5	2	2	2	–	6	3	2	4	–	9	262
Tabes Mesenterica	2	5	1	–	8	22	6	3	–	31	10	–	–	–	10	7	6	–	–	13	416
Phthisis . .	16	48	119	12	195	16	67	118	6	207	5	19	61	3	88	–	14	61	4	79	3319
Hydrocephalus .	34	9	–	–	43	25	5	–	–	30	44	1	–	–	45	5	6	–	–	11	810

DEATHS from all Causes at Four Periods of Life Year 1873.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
IV. Cephalitis	111	47	15	1	174	34	10	3	2	49	7	13	9	3	32	10	8	3	1	22
Apoplexy	60	18	102	91	271	18	2	49	57	126	17	3	30	26	76	–	–	14	36	50
Paralysis	2	9	83	175	269	1	2	37	99	139	–	1	26	60	87	–	–	13	36	49
Delirium Tremens	–	–	13	–	13	–	–	7	2	9	–	–	1	–	1	–	–	2	–	2
Chorea	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Epilepsy	2	3	17	2	24	1	4	14	4	23	–	3	4	3	10	2	1	7	3	13
Tetanus	1	–	–	–	1	1	–	2	–	3	–	1	1	–	2	–	–	–	1	1
Insanity	–	–	2	–	2	–	–	4	4	8	–	–	1	1	2	–	–	3	2	5
Convulsions	252	14	4	–	270	65	3	–	1	69	62	3	3	–	68	49	2	–	–	51
Dis. of Brain, etc.	63	42	62	33	200	13	11	31	32	87	4	8	10	7	29	9	3	10	11	33
V. Pericarditis	1	2	6	3	12	–	1	2	1	4	–	–	–	–	–	–	–	–	1	1
Aneurism	–	2	7	–	9	–	–	15	7	22	–	–	2	2	4	–	–	4	5	9
Dis. of Heart, etc.	9	33	362	195	599	3	15	191	136	345	1	8	93	69	171	–	5	47	61	113
VI. Laryngitis	22	2	5	–	29	3	1	4	1	9	1	–	3	–	4	6	–	1	–	7
Bronchitis	1208	90	513	474	2285	263	11	98	175	547	243	11	100	94	448	130	5	32	82	249
Pleurisy	4	6	27	6	43	1	2	11	5	19	–	–	5	2	7	–	1	3	2	6
Pneumonia	305	67	199	78	649	66	12	53	44	175	69	16	66	23	174	15	2	23	10	50
Asthma	–	–	32	19	51	–	1	11	14	26	–	–	9	2	11	–	–	4	6	10
Dis. of Lungs, etc.	18	14	51	11	94	8	4	18	14	44	–	–	4	2	6	1	–	1	2	4
VII. Teething	288	–	–	–	288	43	–	–	–	43	45	–	–	–	45	35	–	–	–	35
Quinsey	13	2	2	1	18	5	–	1	1	7	2	–	–	–	2	4	–	1	1	6
Gastritis	23	3	22	2	50	4	1	–	–	5	2	1	5	3	11	1	1	4	1	7
Enteritis	179	9	39	8	235	19	5	8	2	34	24	2	1	7	34	5	1	3	1	10
Peritonitis	7	9	15	3	34	2	4	9	4	19	1	3	5	1	10	3	1	4	2	10
Ascites	–	–	5	2	7	–	–	–	2	2	–	–	2	–	2	–	–	–	–	–
Ulcer. of Intest.	–	3	4	4	11	–	–	5	5	10	2	2	2	–	6	–	1	5	–	6
Hernia	5	–	13	6	24	–	–	3	9	12	–	–	3	3	6	1	–	2	5	8
Ileus	11	2	13	10	36	3	2	7	6	18	1	1	5	6	13	4	–	6	12	22
Intussusception	1	–	1	1	3	2	–	–	–	2	1	1	1	–	3	–	–	–	–	–
Strict. of Intest.	–	–	3	2	5	1	–	1	2	4	–	–	–	1	1	–	–	–	1	1
Dis. of Stomach	115	12	31	26	184	15	1	17	20	53	2	1	6	2	11	6	1	3	6	16
Dis. of Pancreas	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Hepatitis	3	3	14	4	24	–	–	2	1	3	1	1	5	3	10	–	–	1	–	1
Jaundice	12	–	12	8	32	3	–	3	6	12	2	–	3	2	7	4	1	3	1	9
Dis. of Liver	13	5	92	28	138	5	2	36	15	58	1	–	12	4	17	–	–	5	5	10
Dis. of Spleen	–	1	5	1	7	–	–	3	–	3	–	1	2	–	3	–	–	–	–	–
VIII. Nephritis	3	5	6	4	18	3	1	4	2	10	2	2	1	–	5	–	1	1	–	2
Nephria	1	5	27	5	38	–	6	25	8	39	–	4	12	2	18	–	1	4	7	12
Addison's Disease	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	1	–	1
Ischuria	4	1	7	1	13	1	–	3	3	7	–	–	–	–	–	–	–	1	3	4
Diabetes	1	3	7	2	13	–	4	4	1	9	–	–	3	1	4	–	1	3	1	5
Stone	–	1	2	4	7	–	–	2	3	5	–	2	–	–	2	1	–	2	2	5
Cystitis	1	–	6	9	16	–	–	3	2	5	–	–	–	6	6	–	1	–	2	3
Strict. of Urethra	–	–	2	1	3	–	–	5	3	8	–	–	–	–	–	–	–	–	–	–
Dis. of Kidneys	3	13	40	27	83	–	5	13	17	35	–	–	4	3	7	–	1	9	15	25
IX. Paramenia	–	1	1	1	3	–	–	–	–	–	–	–	1	–	1	1	1	1	–	3
Ovarian Dropsy	–	–	4	1	5	–	–	3	2	5	–	–	2	1	3	–	–	1	–	1
Childbirth	–	3	88	–	91	–	1	30	–	31	–	–	17	–	17	–	–	14	–	14
Dis. of Uterus	–	–	11	1	12	–	–	6	3	9	1	–	3	1	5	–	–	1	–	1
X. Arthritis	–	–	4	1	5	–	–	1	–	1	–	–	–	–	–	–	2	2	–	4
Rheumatism	–	6	15	14	35	–	–	2	7	9	1	1	–	4	6	–	1	2	2	5
Dis. of Joints, etc.	2	39	12	5	58	2	10	7	1	20	–	5	6	1	12	1	1	1	–	3
XI. Carbuncle	–	–	1	2	3	–	–	1	–	1	–	–	1	1	2	–	–	–	–	–
Phlegmon	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disease of Skin	6	–	2	1	9	2	–	2	2	6	1	–	–	–	1	2	–	1	–	3
XVII. Intemperance	–	–	34	6	40	–	–	13	2	15	–	–	7	1	8	–	–	3	1	4
Privation of Food	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Wt. Breast-milk	32	–	–	–	32	10	–	–	–	10	6	–	–	–	6	1	–	–	–	1
Neglect	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Cold	–	–	–	–	–	–	–	–	1	1	–	–	–	1	1	–	–	–	–	–
Poison	1	3	5	1	10	1	1	2	1	5	1	–	2	–	3	–	–	–	–	–
Poisoned Wounds	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Burns and Scalds	22	10	11	2	45	5	–	5	2	12	7	–	–	2	9	2	–	1	–	3
Hanging, etc.	–	–	6	3	9	–	–	1	–	1	–	–	6	–	6	–	–	3	–	3
Suffocation	22	–	7	–	29	18	1	5	1	25	16	1	2	–	19	5	2	–	–	7
Drowning	1	11	83	9	104	3	1	2	–	6	2	2	11	1	16	1	5	7	1	14
Fractures	19	47	143	35	244	6	6	39	14	65	1	11	34	9	55	1	7	12	8	28
Gunshot Wounds	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–
Cuts and Stabs	–	–	7	1	8	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–
Other Vio. Causes	4	2	13	2	21	1	–	1	1	3	1	2	2	1	6	4	–	–	2	6
Not specified	63	9	46	9	127	9	2	5	1	17	21	1	7	2	31	4	2	2	–	8

Year 1873.

CAUSES OF DEATH.	GREENOCK.					PAISLEY.					LEITH.					PERTH.					Grand Total.
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	
IV. Cephalitis	19	7	3	1	30	4	5	–	–	9	4	2	–	–	6	–	2	–	–	2	324
Apoplexy	4	–	24	21	49	7	1	11	15	34	–	–	5	8	13	–	–	5	9	14	633
Paralysis	1	–	12	21	34	–	–	12	38	50	–	–	10	29	39	–	–	8	20	28	695
Delirium Tremens	–	–	–	–	–	–	–	1	1	2	–	–	1	–	1	–	–	1	1	2	30
Chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Epilepsy	–	–	6	–	6	–	1	5	1	7	–	–	1	–	1	–	1	1	1	3	87
Tetanus	–	–	1	–	1	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	9
Insanity	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	18
Convulsions	20	4	–	–	24	14	–	2	–	16	23	–	–	–	23	5	–	–	–	5	526
Dis. of Brain, etc.	13	5	9	4	31	1	9	10	5	25	3	2	9	5	19	3	3	9	6	21	445
V. Pericarditis	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19
Aneurism	–	–	–	1	1	–	–	–	–	–	–	–	2	1	3	–	–	2	2	4	52
Dis. of Heart, etc.	4	5	50	41	100	1	4	27	26	58	1	2	24	18	45	–	3	19	34	56	1487
VI. Laryngitis	5	1	1	1	8	1	2	–	1	4	1	–	–	–	1	–	–	–	–	–	62
Bronchitis	118	5	33	33	189	70	10	37	49	166	87	2	27	41	157	26	–	15	19	60	4101
Pleurisy	–	1	3	–	4	–	–	2	–	2	1	–	5	–	6	–	–	–	1	1	88
Pneumonia	51	9	33	7	100	12	8	15	8	43	21	7	13	5	46	6	2	9	8	25	1262
Asthma	–	–	4	4	8	–	–	7	3	10	–	1	3	1	5	–	–	2	2	4	125
Dis. of Lungs, etc.	6	2	6	1	15	–	–	2	–	2	2	–	1	–	3	–	–	1	–	1	169
VII. Teething	47	1	–	–	48	29	–	–	–	29	16	–	–	–	16	6	–	–	–	6	510
Quinsey	1	–	–	–	1	2	1	–	–	3	1	–	–	–	1	–	–	–	–	–	38
Gastritis	1	–	3	–	4	1	–	–	–	1	–	–	1	2	3	–	–	1	–	1	82
Enteritis	17	1	4	–	22	18	3	8	2	31	11	–	4	1	16	2	–	–	1	3	385
Peritonitis	1	3	9	1	14	–	2	7	–	9	1	1	3	–	5	–	–	3	–	3	104
Ascites	–	1	2	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	15
Ulcer. of Intest.	–	–	1	–	1	–	1	–	1	2	–	–	4	–	4	–	–	–	–	–	40
Hernia	–	–	–	2	2	–	–	1	–	1	–	–	–	–	–	–	–	2	1	3	56
Ileus	–	1	3	–	4	–	–	2	–	2	1	–	2	–	3	1	–	–	–	1	99
Intussusception	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9
Strict. of Intest.	–	–	–	–	–	–	–	–	1	1	–	–	1	1	2	–	–	–	–	–	14
Dis. of Stomach	4	2	1	1	8	5	–	5	3	13	7	–	8	2	17	1	–	1	2	4	306
Dis. of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Hepatitis	–	–	5	–	5	1	–	1	–	2	–	–	–	–	–	–	1	1	1	3	48
Jaundice	2	1	2	–	5	2	1	1	2	6	2	1	1	–	4	1	–	–	–	1	76
Dis. of Liver	3	–	5	2	10	1	–	18	3	22	–	–	10	5	15	–	–	4	6	10	280
Dis. of Spleen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	14
VIII. Nephritis	1	1	–	–	2	–	–	1	–	1	–	–	–	–	–	1	–	–	–	1	39
Nephria	1	1	4	1	7	–	–	4	–	4	–	–	3	1	4	–	1	2	–	3	125
Addison's Disease	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	4
Ischuria	–	–	1	–	1	–	–	–	1	1	–	–	–	–	–	–	–	–	1	1	27
Diabetes	1	–	1	–	2	–	–	1	–	1	–	–	1	–	1	–	–	–	–	–	35
Stone	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	20
Cystitis	–	–	1	1	2	–	–	1	1	2	–	–	1	–	1	–	–	–	–	–	35
Strict. of Urethra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
Dis. of Kidneys	–	1	5	5	11	–	–	1	1	2	–	1	5	5	11	–	1	–	4	5	179
IX. Paramenia	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	8
Ovarian Dropsy	–	–	1	–	1	–	–	1	–	1	–	–	1	1	2	–	–	1	–	1	19
Childbirth	–	–	13	–	13	–	–	11	–	11	–	–	13	–	13	–	–	1	–	1	191
Dis. of Uterus	–	–	2	–	2	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	32
X. Arthritis	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	11
Rheumatism	–	–	3	1	4	–	–	2	5	7	–	–	1	2	3	–	–	–	1	1	70
Dis. of Joints, etc.	–	5	1	–	6	–	1	1	–	2	–	2	–	–	2	1	–	–	–	1	104
XI. Carbuncle	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	7
Phlegmon	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Disease of Skin	1	–	1	1	3	–	–	–	–	–	2	–	–	–	2	–	–	–	–	–	24
XVII. Intemperance	–	–	5	1	6	–	–	1	4	5	–	–	4	–	4	–	–	–	–	–	82
Privation of Food	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Wt. Breast-milk	8	–	–	–	8	1	–	–	–	1	1	–	–	–	1	1	–	–	–	1	60
Neglect	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Cold	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Poison	1	–	–	–	1	–	–	–	1	1	1	–	–	–	1	–	–	–	–	–	21
Poisoned Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	2
Burns and Scalds	7	5	5	1	18	1	2	5	–	8	1	1	1	–	3	–	–	–	–	–	98
Hanging, etc.	–	–	1	–	1	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	22
Suffocation	4	–	1	–	5	–	–	2	1	3	3	–	–	1	4	1	–	–	–	1	93
Drowning	–	2	20	2	24	2	–	6	–	8	–	1	8	–	9	1	1	3	2	7	188
Fractures	3	7	32	6	48	2	4	8	3	17	–	3	9	1	13	–	3	9	2	14	484
Gunshot Wounds	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
Cuts and Stabs	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	1	–	1	13
Other Vio. Causes	–	–	2	–	2	1	1	–	–	2	1	–	1	–	2	–	–	1	1	2	44
Not specified	54	4	14	–	72	16	1	3	1	21	3	1	1	1	6	1	–	3	1	5	287

VI.—DEATHS from all Causes in the Eight Principal Towns

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
ALL CAUSES	2441	2795	2859	2567	2650	2448	2483	2216	2176	2379	2352	2638	30004
SPECIFIED CAUSES	2416	2771	2838	2543	2617	2422	2454	2192	2153	2359	2329	2623	29717
DISEASES:—													
I. Zymotic Class	439	469	468	437	474	483	542	643	560	645	574	701	6435
II. Dropsy, Cancer, and others of uncertain seat	89	84	89	92	86	78	85	54	71	80	67	93	968
III. Tubercular Class	369	484	501	441	499	479	435	348	331	311	278	331	4807
IV. Of Brain, Nerves, etc.	233	237	243	255	261	248	245	182	214	204	215	231	2768
V. Of Heart, etc.	139	152	158	155	121	133	100	110	112	124	113	141	1558
VI. Of Respiratory Organs	511	708	690	561	555	441	382	229	268	383	541	538	5807
VII. Of Digestive Organs	187	162	184	160	159	166	198	201	187	163	141	169	2077
VIII. Of Kidneys, etc.	41	32	47	38	46	30	28	42	35	46	37	53	475
IX. Of Uterus, viz. Puerperal Disease, etc.	23	21	18	25	15	23	20	20	15	23	18	29	250
X. Of Joints, Bones, viz. Rheumatism, etc.	9	17	11	19	23	11	22	13	12	17	21	10	185
XI. Of Skin, etc.	–	4	5	2	3	3	–	4	1	6	4	1	33
XII. Malformations	6	5	4	6	3	4	9	6	9	6	2	1	61
XIII. Debility from Premature Birth, etc.	134	142	127	124	123	132	150	137	126	134	91	116	1536
XIV. Atrophy	12	20	26	14	25	11	21	18	20	23	14	12	216
XV. Age	114	151	153	122	129	94	107	82	95	103	115	84	1349
XVI. Sudden	11	8	9	4	9	5	6	4	1	2	6	14	79
XVII. Violence, Privation, etc.	99	75	105	88	86	81	104	99	96	89	92	99	1113
I. Small-pox	27	33	25	23	17	13	9	28	46	69	83	94	467
Measles	32	60	109	118	160	150	106	67	27	29	22	77	957
Scarlatina	69	50	39	24	31	45	44	83	119	214	213	216	1147
Diphtheria	35	39	31	17	23	24	30	26	27	43	31	39	365
Hooping-cough	54	86	69	76	76	55	39	39	42	33	38	37	644
Croup	41	44	46	29	26	18	18	23	32	52	38	53	420
Thrush	1	1	1	1	2	1	1	3	4	2	1	3	21
Diarrhœa	44	40	37	45	41	71	194	259	152	68	28	35	1014
Dysentry	5	6	5	7	3	–	8	15	8	7	2	2	68
Cholera	–	–	–	1	–	5	10	10	7	4	1	2	40
Influenza	2	6	5	6	2	1	1	–	2	–	1	4	30
Purpura	–	2	1	1	2	1	1	–	2	1	2	3	16
Ague	–	–	–	–	–	–	–	–	–	–	–	1	1
Worms	–	1	1	–	1	–	–	–	–	–	–	1	4
Typhus Fever	41	22	23	25	25	30	33	23	18	40	36	33	349
Enteric Fever	44	39	32	33	36	30	23	34	39	40	40	60	450
Relapsing Fever	1	3	–	1	1	–	1	3	1	2	2	–	15
Simple Continued Fever	2	3	4	4	–	1	1	1	2	1	2	–	21
Infantile Remitt. Fever	5	2	6	2	3	7	1	4	5	9	2	5	51
Metria	13	9	10	5	5	9	4	5	7	5	12	9	93
Rheumatic Fever	4	5	3	5	4	4	5	2	2	2	1	9	46
Erysipelas	12	10	8	10	9	10	7	11	12	14	14	11	128
Pyæmia	–	2	1	1	–	1	–	–	1	1	–	2	9
Syphilis	7	6	11	3	6	7	6	6	5	8	5	3	73
Noma (or Canker)	–	–	1	–	1	–	–	1	–	1	–	2	6
Hydrophobia	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Hæmorrhage	–	2	2	4	3	3	1	4	2	3	5	8	37
Dropsy	33	30	30	33	24	22	26	16	20	27	14	29	304
Abscess	6	8	8	4	9	4	6	5	2	4	5	4	65
Ulcer	1	4	1	1	1	3	4	1	3	1	3	1	24
Fistula	3	–	–	1	–	–	1	–	–	–	1	–	6
Mortification	8	4	3	5	3	5	4	4	4	4	2	3	49
Cancer	36	36	45	43	46	41	42	24	40	40	36	48	477
Gout	2	–	–	1	–	–	1	–	–	1	1	–	6
III. Scrofula	19	23	25	21	25	32	19	27	22	14	19	16	262
Tabes Mesenterica	22	26	44	31	33	45	42	47	42	24	31	29	416
Phthisis	265	345	343	311	351	322	298	226	214	218	194	232	3319
Hydrocephalus	63	90	89	78	90	80	76	48	53	55	34	54	810

	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
IV.	Cephalitis	22	22	23	30	36	26	36	31	27	22	26	23	324
	Apoplexy	51	48	52	67	52	65	57	45	55	49	51	41	633
	Paralysis	69	76	60	57	69	55	54	47	48	42	46	72	695
	Delirium Tremens	2	3	–	5	5	3	1	2	4	1	3	1	30
	Chorea	–	–	–	–	–	–	–	1	–	–	–	–	1
	Epilepsy	7	3	8	7	14	11	11	6	4	8	4	4	87
	Tetanus	1	–	2	–	1	1	2	–	–	1	1	–	9
	Insanity	2	2	2	–	1	3	2	–	2	1	1	2	18
	Convulsions	38	44	43	51	47	46	45	26	38	43	47	58	526
	Disease of Brain, etc.	41	39	53	38	36	38	37	24	36	37	36	30	445
V.	Pericarditis	–	3	2	1	–	3	–	4	–	4	1	1	19
	Aneurism	5	4	6	2	2	7	3	2	6	3	3	9	52
	Disease of Heart, etc.	134	145	150	152	119	123	97	104	106	117	109	131	1487
VI.	Laryngitis	3	7	8	2	6	5	5	5	4	6	5	6	62
	Bronchitis	368	535	506	389	366	299	249	141	169	267	404	408	4101
	Pleurisy	11	9	6	7	6	8	11	8	3	7	5	7	88
	Pneumonia	101	117	136	126	152	107	108	63	74	86	99	93	1262
	Asthma	13	18	23	14	4	8	2	6	6	7	15	9	125
	Disease of Lungs	15	22	11	23	21	14	7	6	12	10	13	15	169
VII.	Teething	51	51	49	33	31	38	55	50	45	35	29	43	510
	Quinsey	4	2	2	7	4	2	2	3	7	1	4	–	38
	Gastritis	8	5	5	8	5	7	9	10	6	8	5	6	82
	Enteritis	27	26	31	30	29	36	41	47	32	27	20	39	385
	Peritonitis	12	10	12	4	8	9	5	4	6	12	8	14	104
	Ascites	2	1	2	–	1	1	1	1	–	3	1	2	15
	Ulceration (of Intest.)	–	4	1	6	4	1	3	1	6	4	7	3	40
	Hernia	4	5	6	3	5	4	9	3	4	1	9	3	56
	Ileus	7	6	11	8	8	7	7	7	10	12	6	10	99
	Intussception	2	1	1	–	1	1	1	2	–	–	–	–	9
	Stricture of Intest. Canal	1	1	–	4	–	–	–	1	1	1	4	1	14
	Disease of Stomach	33	16	31	25	28	23	29	32	34	21	21	13	306
	Disease of Pancreas	–	–	–	–	–	–	–	–	–	1	–	–	1
	Hepatitis	4	7	3	3	2	5	4	8	3	2	3	4	48
	Jaundice	7	7	4	6	7	7	5	9	9	5	5	5	76
	Disease of Liver	25	19	24	23	26	24	25	23	21	27	18	25	280
	Disease of Spleen	–	1	2	–	–	1	2	–	3	3	1	1	14
VIII.	Nephritis	1	1	4	3	2	3	1	5	7	4	4	4	39
	Nephria	11	9	14	10	12	9	7	8	6	11	14	14	125
	Addison's Disease	–	–	–	1	1	–	–	–	–	2	–	–	4
	Ischuria	1	2	1	1	–	2	4	5	4	3	3	1	27
	Diabetes	–	–	3	3	5	–	4	2	4	3	4	7	35
	Stone	3	1	2	–	3	1	1	4	–	1	2	2	20
	Cystitis	3	3	5	–	5	3	3	2	1	5	1	4	35
	Stricture of Urethra	1	2	1	1	–	1	–	2	1	–	1	1	11
	Disease of Kidneys	21	14	17	19	18	11	8	14	12	17	8	20	179
IX.	Paramenia	–	–	–	–	1	1	1	2	–	–	2	1	8
	Ovarian Dropsy	3	2	1	2	1	1	2	1	–	2	3	1	19
	Childbirth	19	17	17	19	10	16	16	15	10	18	13	21	191
	Disease of Uterus	1	2	–	4	3	5	1	2	5	3	–	6	32
X.	Bone Diseases	–	1	1	–	2	–	3	1	1	1	–	1	11
	Rheumatism	3	4	5	13	4	3	10	3	5	7	9	4	70
	Disease of Joints, etc.	6	12	5	6	17	8	9	9	6	9	12	5	104
XI.	Carbuncle	–	1	–	–	2	2	–	1	–	–	1	–	7
	Phlegmon	–	–	–	1	–	–	–	1	–	–	–	–	2
	Disease of Skin	–	3	5	1	1	1	–	2	1	6	3	1	24
XVII.	Intemperance	10	3	5	6	12	6	9	8	8	4	3	8	82
	Privation of Food	–	–	–	–	–	–	–	–	–	1	–	–	1
	Want of Breast-milk	3	4	3	9	4	7	11	4	9	3	2	1	60
	Neglect	–	–	–	–	–	–	–	1	–	–	–	–	1
	Cold	1	–	–	–	–	–	–	–	–	–	–	1	2
	Poison	2	–	4	3	3	–	2	–	2	1	1	3	21
	Poisoned Wounds	–	1	–	–	–	–	–	–	–	1	–	–	2
	Burns and Scalds	8	12	18	6	3	6	5	9	10	1	12	8	98
	Hanging, etc.	2	–	2	2	2	–	5	4	1	2	2	–	22
	Suffocation	5	8	9	9	7	7	7	5	7	9	10	10	93
	Drowning	24	14	11	15	12	11	21	25	14	16	11	14	188
	Fractures	42	28	49	34	32	41	39	35	42	49	48	45	484
	Gunshot Wounds	–	1	–	–	1	–	–	–	–	–	–	–	2
	Cuts and Stabs	1	2	1	1	3	–	1	3	–	–	–	1	13
	Other Violent Causes	1	2	3	3	7	3	4	5	3	2	3	8	44
	Causes not specified	25	24	21	24	33	26	29	24	23	20	23	15	287

VII.—BIRTHS IN THE EIGHT TOWNS—1873.

	MALE BIRTHS.												Total Male Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	923	759	941	830	893	831	834	753	837	813	710	860	9984
Edinburgh,	316	278	294	321	308	321	316	277	265	300	256	254	3506
Dundee,	246	189	231	208	248	205	217	192	194	242	185	212	2569
Aberdeen,	128	131	141	127	133	129	141	119	131	118	124	120	1542
Greenock,	124	92	119	115	130	92	118	109	115	137	88	131	1370
Paisley,	93	62	71	77	100	73	80	63	85	83	68	71	926
Leith,	72	80	91	83	87	75	78	80	88	76	72	75	957
Perth,	25	44	33	32	33	25	32	32	31	21	27	35	370
Total, 1873,	1927	1635	1921	1793	1932	1751	1816	1625	1746	1790	1530	1758	21224
Total, 1872,	1961	1668	1755	1975	1879	1712	1868	1601	1625	1823	1735	1803	21405
Total, 1871,	1766	1606	1849	1680	1897	1791	1774	1722	1649	1802	1578	1650	20764
Total, 1870,	1753	1509	1881	1845	1934	1861	1659	1731	1680	1678	1604	1593	20728
Total, 1869,	1640	1486	1819	1787	1685	1756	1749	1601	1566	1661	1749	1706	20205
Total, 1868,	1702	1553	1794	1814	1796	1902	1728	1616	1588	1665	1513	1595	20266
Total, 1867,	1667	1494	1689	1866	1832	1691	1699	1578	1544	1698	1662	1619	20039

	FEMALE BIRTHS.												Total Female Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	852	746	829	834	910	765	851	705	729	782	694	812	9509
Edinburgh,	293	250	279	305	315	281	253	249	247	273	233	301	3279
Dundee,	205	178	190	216	228	184	220	167	182	228	194	191	2383
Aberdeen,	125	122	134	145	136	105	120	125	149	139	116	129	1545
Greenock,	101	95	142	121	113	106	129	96	90	124	88	105	1310
Paisley,	77	87	86	83	87	84	75	66	77	79	65	83	949
Leith,	99	70	90	81	80	73	83	76	60	69	79	68	928
Perth,	33	32	30	39	38	34	32	24	30	30	25	30	377
Total, 1873,	1785	1580	1780	1824	1907	1632	1763	1508	1564	1724	1494	1719	20280
Total, 1872,	1776	1532	1670	1877	1857	1616	1748	1632	1513	1712	1582	1739	20254
Total, 1871,	1745	1503	1764	1666	1837	1683	1624	1658	1523	1583	1537	1555	19678
Total, 1870,	1703	1436	1765	1746	1774	1730	1643	1624	1589	1577	1580	1586	19753
Total, 1869,	1651	1508	1755	1765	1612	1642	1638	1563	1478	1534	1513	1651	19310
Total, 1868,	1645	1450	1674	1692	1701	1834	1655	1527	1457	1544	1489	1579	19247
Total, 1867,	1636	1499	1554	1714	1707	1583	1704	1468	1466	1667	1488	1487	18973

	BIRTHS—BOTH SEXES.												Total Births.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	1775	1505	1770	1664	1803	1596	1685	1458	1566	1595	1404	1672	19493
Edinburgh,	609	528	573	626	623	602	569	526	512	573	489	555	6785
Dundee,	451	367	421	424	476	389	437	359	376	470	379	403	4952
Aberdeen,	253	253	275	272	269	234	261	244	280	257	240	249	3087
Paisley,	225	187	261	236	243	198	247	205	205	261	176	236	2680
Greenock,	170	149	157	160	187	157	155	129	162	162	133	154	1875
Leith,	171	150	181	164	167	148	161	156	148	145	151	143	1885
Perth,	58	76	63	71	71	59	64	56	61	51	52	65	747
Total, 1873,	3712	3215	3701	3617	3839	3383	3579	3133	3310	3514	3024	3477	41504
Total, 1872,	3737	3200	3425	3852	3736	3328	3616	3233	3138	3535	3317	3542	41659
Total, 1871,	3511	3109	3613	3346	3734	3474	3398	3380	3172	3385	3115	3205	40442
Total, 1870,	3456	2945	3646	3591	3708	3591	3302	3355	3269	3255	3184	3179	40481
Total, 1869,	3291	2994	3574	3552	3297	3398	3387	3164	3044	3195	3262	3357	39515
Total, 1868,	3347	3003	3468	3506	3497	3736	3383	3143	3045	3209	3002	3174	39513
Total, 1867,	3303	2993	3243	3580	3539	3274	3403	3046	3010	3365	3150	3106	39012

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, .	175	150	180	147	156	157	149	140	155	138	141	142	1830
Edinburgh, . . .	41	44	56	53	62	57	36	44	45	45	40	42	565
Dundee, ...	58	39	45	51	64	55	60	35	33	64	41	49	594
Aberdeen, . . .	22	21	20	21	37	25	29	22	26	39	29	26	317
Greenock, . . .	14	17	12	11	13	13	15	16	14	19	10	13	167
Paisley, ...	15	11	11	8	12	15	10	6	4	10	11	14	127
Leith, ...	10	4	14	8	13	4	9	12	4	13	10	7	108
Perth, ...	4	4	2	6	8	5	12	8	4	3	7	4	67
Total, 1873, . . .	339	290	340	305	365	331	320	283	285	331	289	297	3775
Total, 1872, . . .	378	304	269	302	309	296	336	301	294	316	276	347	3728
Total, 1871, . . .	322	304	350	270	358	329	322	343	265	332	282	279	3756
Total, 1870, . . .	342	278	329	334	364	322	330	356	305	266	292	283	3801
Total, 1869, . . .	354	304	368	346	298	342	327	287	296	278	324	324	3848
Total, 1868, . . .	355	300	360	288	334	353	326	313	306	310	303	286	3834
Total, 1867, . . .	308	316	337	344	317	293	378	307	303	338	304	299	3844

IX.—MARRIAGES IN THE EIGHT TOWNS—1873.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, ...	647	278	296	329	212	647	636	243	344	339	500	440	4911
Edinburgh, . . .	240	99	121	130	82	303	207	130	149	135	189	175	1960
Dundee, ...	183	70	75	80	82	213	79	75	74	75	96	127	1229
Aberdeen, . . .	81	49	52	36	50	81	73	50	48	44	71	90	725
Paisley, ...	69	44	41	37	31	61	65	40	37	35	54	40	554
Greenock, . . .	81	21	34	33	21	80	46	63	26	20	53	42	520
Leith, ...	62	34	32	40	25	60	44	34	33	35	35	53	487
Perth, ...	21	12	14	14	8	35	28	15	10	12	21	20	210
Total, 1873, . .	1384	607	665	699	511	1480	1178	650	721	695	1019	987	10596
Total, 1872, . . .	1273	564	553	747	491	1415	1249	702	711	669	993	1012	10,379
Total, 1871, . . .	1222	553	497	637	529	1332	1148	714	633	618	879	1030	9792
Total, 1870, . . .	1298	544	513	509	493	1347	1094	705	643	716	945	923	9730
Total, 1869, . . .	1134	520	550	567	456	1299	1046	687	587	646	942	727	9161
Total, 1868, . . .	1049	492	527	513	382	1269	943	612	578	575	859	807	8606
Total, 1867, . . .	1049	509	510	573	436	1219	1034	583	638	577	899	840	8867
Total, 1866, . . .	1168	599	501	641	462	1331	992	620	624	654	930	928	9450
Total, 1865, . . .	1197	570	462	473	498	1227	1094	649	603	656	945	946	9320
Total, 1864, . . .	1082	523	468	576	465	1172	983	711	559	615	846	884	8884

X.—DEATHS IN THE EIGHT TOWNS—1873.

	MALE DEATHS.												Total Male Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	606	688	705	641	698	603	634	553	498	563	552	678	7419
Edinburgh,	183	216	200	210	219	208	179	171	158	178	175	227	2324
Dundee,	147	128	158	125	136	122	148	157	138	123	107	136	1625
Aberdeen,	94	85	98	94	106	81	84	57	70	84	85	91	1029
Greenock,	79	98	111	108	83	56	85	92	97	133	126	102	1170
Paisley,	61	57	76	65	66	59	64	63	61	70	70	91	803
Leith,	43	40	53	40	51	49	45	44	42	55	42	47	551
Perth,	22	28	32	34	29	23	22	21	25	24	27	24	311
Total, 1873,	1235	1340	1433	1317	1388	1201	1261	1158	1089	1230	1184	1396	15232
Total, 1872,	1607	1360	1311	1422	1332	1147	1148	1127	1078	1206	1174	1259	15171
Total, 1871,	1441	1223	1368	1231	1429	1299	1218	1233	1086	1186	1302	1478	15494
Total, 1870,	1497	1286	1371	1225	1133	1068	1025	1176	962	929	1148	1414	14234
Total, 1869,	1350	1240	1644	1380	1334	1355	1266	1118	1057	1091	1366	1547	15748
Total, 1868,	1192	1084	1215	1212	1155	1098	1224	1225	996	1163	1253	1321	14138
Total, 1867,	1351	1058	1209	1187	1226	1021	1072	909	990	993	1036	1182	13234

	FEMALE DEATHS.												Total Female Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	536	747	695	616	669	616	603	497	480	511	531	574	7075
Edinburgh,	198	206	231	187	179	192	171	156	173	167	177	216	2253
Dundee,	148	178	161	135	122	130	160	134	131	118	110	128	1655
Aberdeen,	108	88	106	90	94	91	74	75	63	107	95	100	1091
Greenock,	73	84	82	98	75	86	79	89	89	110	103	86	1054
Paisley,	58	72	77	56	48	61	67	53	66	73	79	75	785
Leith,	55	59	44	45	37	40	35	34	55	40	49	40	533
Perth,	30	21	30	23	38	31	33	20	30	23	24	23	326
Total, 1873,	1206	1455	1426	1250	1262	1247	1222	1058	1087	1149	1168	1242	14772
Total, 1872,	1567	1420	1351	1352	1277	1062	1153	1109	1029	1185	1148	1354	15007
Total, 1871,	1509	1354	1395	1279	1371	1268	1220	1217	1068	1290	1309	1627	15907
Total, 1870,	1584	1343	1388	1176	1100	1043	1000	1192	949	1013	1106	1365	14259
Total, 1869,	1399	1266	1574	1348	1328	1331	1158	1126	1038	1097	1422	1615	15702
Total, 1868,	1231	1086	1194	1036	1093	1134	1134	1179	1069	1135	1221	1381	13893
Total, 1867,	1471	1140	1228	1160	1185	968	1082	946	911	976	1013	1197	13277

	DEATHS—BOTH SEXES.												Total Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	1142	1435	1400	1257	1367	1219	1237	1050	978	1074	1083	1252	14494
Edinburgh,	381	422	431	397	398	400	350	327	331	345	352	443	4577
Dundee,	295	306	319	260	258	252	308	291	269	241	217	264	3280
Aberdeen,	202	173	204	184	200	172	158	132	133	191	180	191	2120
Greenock,	152	182	193	206	158	142	164	181	186	243	229	188	2224
Paisley,	119	129	153	121	114	120	131	116	127	143	149	166	1588
Leith,	98	99	97	85	88	89	80	78	97	95	91	87	1084
Perth,	52	49	62	57	67	54	55	41	55	47	51	47	637
Total, 1873,	2441	2795	2859	2567	2650	2448	2483	2216	2176	2379	2352	2638	30004
Total, 1872,	3174	2780	2662	2774	2609	2209	2301	2236	2107	2391	2322	2613	30178
Total, 1871,	2950	2577	2763	2510	2800	2567	2438	2450	2154	2476	2611	3105	31401
Total, 1870,	3081	2629	2759	2401	2233	2111	2025	2368	1911	1942	2254	2779	28493
Total, 1869,	2749	2506	3218	2728	2662	2686	2424	2244	2095	2188	2788	3162	31450
Total, 1868,	2423	2170	2409	2248	2248	2232	2358	2404	2065	2298	2474	2702	28031
Total, 1867,	2822	2198	2437	2347	2411	1989	2154	1855	1901	1969	2049	2379	26511

XI.—ABSTRACT of the METEOROLOGY of the Eight Principal Towns of Scotland during the several Months of the Year 1873.

Mean Height above the Sea-level, 123 feet. Mean North Latitude, 56°·12′. Mean West Longitude, 3°·30′.

1873.	BAROMETER.		SELF-REGISTERING THERMOMETER.						HYGROMETER.		DEDUCTIONS from Glaisher's Tables, 2d Edit.				RAIN.		WINDS.									
																	Number of Days they blew in certain Directions.									Pressure on square foot.
	Mean at 32° and Sea-level.	Monthly Range.	Highest in Month.	Lowest in Month.	Mean Temperature.	Monthly Range.	Mean Daily Range.	Greatest Daily Range.	Dry Bulb, or Mean Temp. of Air.	Wet Bulb, or Temp. of Evaporation.	Dew-point Temperature.	Elastic Force of Vapour.	Wt. of Vapour in Cubic Foot of Air.	Humidity. Sat. 100.	Number of Days it fell.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
	inch.	inch.	°	°	°	°	°	°	°	°	°	inch.	grs.		days.	inch.										lbs.
JANUARY, . . .	29·474	2·070	54·8	21·5	40·2	27·8	8·5	17·2	39·8	38·4	36·6	·217	2·53	89	22	5·45	1	1	3	3	4	10	6	3	0	1·81
FEBRUARY, . .	30·120	1·775	62·5	12·7	35·9	31·2	10·8	21·1	35·1	33·7	31·5	·177	2·06	86	9	1·64	3	2	3	1	1	4	7	7	0	1·48
MARCH, . . .	29·825	1·237	56·0	26·0	39·7	26·5	9·4	17·9	39·1	37·7	35·9	·211	2·45	89	19	2·09	2	5	10	4	1	4	3	2	0	1·47
APRIL, . . .	30·043	0·900	68·5	28·5	45·3	31·6	13·6	26·4	44·4	41·8	38·7	·236	2·72	80	8	0·34	5	4	5	3	1	2	5	5	0	1·81
MAY, ...	29·909	1·091	70·0	29·0	47·9	33·2	13·9	24·4	47·2	44·1	40·7	·255	2·95	79	17	2·94	2	3	8	3	1	3	8	3	0	1·35
JUNE, ...	29·896	0·910	79·5	40·0	56·6	31·6	14·8	24·9	56·2	53·0	50·0	·362	4·06	80	12	1·47	1	2	5	3	1	7	8	2	1	1·59
JULY, ...	29·797	0·658	84·4	41·1	59·2	38·5	14·8	24·5	58·6	55·9	53·5	·410	4·57	83	21	4·10	0	2	1	2	4	13	7	1	1	1·04
AUGUST, . . .	29·782	0·739	77·0	36·1	57·1	32·2	13·0	23·0	56·6	54·4	52·3	·394	4·41	86	20	3·67	0	2	3	2	2	8	9	4	1	1·29
SEPTEMBER, . .	29·839	1·188	76·2	33·1	52·8	35·9	15·4	26·4	51·3	48·9	46·4	·317	3·58	84	17	3·85	2	2	2	1	1	5	9	7	1	1·30
OCTOBER, . . .	29·683	1·638	62·3	24·0	44·8	31·8	13·3	25·1	44·1	42·4	40·4	·252	2·88	87	18	5·11	1	1	2	1	2	11	8	5	0	1·19
NOVEMBER, . .	29·835	2·011	58·5	24·5	41·9	28·8	10·7	22·7	41·2	39·6	37·6	·225	2·60	88	15	2·46	1	4	5	1	2	5	8	4	0	2·20
DECEMBER, .	29·998	1·485	57·2	27·0	42·6	27·3	10·0	19·9	42·8	41·1	39·1	·240	2·76	88	15	2·36	1	0	0	0	2	14	11	3	0	1·89
YEAR,	29·842	1·292	84·4	12·7	47·0	31·4	12·2	26·4	46·4	44·2	41·9	·275	3·13	86	193	35·48	19	28	47	24	22	86	89	46	4	1·53

TABLE XII.

BIRTHS, DEATHS, AND MARRIAGES, 1873. — VACCINATIONS, 1872.

No. of Division, &c.	REGISTRATION GROUPS, DIVISIONS, AND COUNTIES.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	On the ground of Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
	SCOTLAND, – –	3,062,294	3,360,018	119738	76857	26730	104902	811	184	64	322	10325	2351	118959
	GROUPS OF DISTRICTS.													
1	PRINCIPAL TOWNS, - -	884,755	1,068,556	41506	30004	10596	36014	94	66	49	177	4284	983	41667
2	LARGE TOWNS, - - -	277,333	337,469	14104	9344	3181	11765	53	12	5	19	1262	221	13337
3	SMALL TOWNS, - - -	701,528	772,875	28819	17213	6077	24761	228	21	7	32	2427	422	27898
4	MAINLAND-RURAL, - -	1,061,793	1,049,114	31944	18137	6287	29381	215	72	3	17	2082	415	32185
5	INSULAR-RURAL, - - -	136,785	132,004	3365	2159	589	2981	221	13	0	77	270	310	3872
	DIVISIONS.													
I.	NORTHERN, - - -	130,422	127,191	3070	2068	623	2774	143	6	0	5	178	173	3279
II.	NORTH-WESTERN, - -	167,242	166,351	4259	2829	729	3417	198	18	0	78	349	288	4348
III.	NORTH-EASTERN, - -	366,870	393,199	12657	6785	2542	11888	50	21	3	4	877	51	12894
IV.	EAST-MIDLAND, - -	523,822	559,676	18540	11702	4161	16232	68	36	28	98	1638	143	18243
V.	WEST-MIDLAND, - -	242,487	251,088	8311	5525	1708	7228	125	12	1	1	698	179	8244
VI.	SOUTH-WESTERN, - -	1,008,273	1,183,218	50245	33775	11576	43508	70	31	14	114	4614	1052	49403
VII.	SOUTH-EASTERN, - -	408,962	470,206	16567	10240	4020	14235	92	46	18	2	1506	387	16286
VIII.	SOUTHERN, - - -	214,216	209,089	6089	3933	1371	5620	65	14	0	20	465	78	6262
	COUNTIES.													
	I. NORTHERN DIVISION.													
1	Shetland, - - - -	31,670	31,608	715	432	144	636	35	2	0	5	43	103	824
2	Orkney, - - - -	32,395	31,274	783	518	179	764	27	1	0	0	30	6	828
3	Caithness, - - - -	42,200	41,011	1033	723	200	941	79	1	0	0	72	44	1137
4	Sutherland, - - -	24,157	23,298	539	395	100	433	2	2	0	0	33	20	490

	II. North-Western Division.													
5	Ross and Cromarty,	82,427	82,093	2028	1261	350	1753	116	9	0	4	130	78	2090
6	Inverness,	84,815	84,258	2231	1568	379	1664	82	9	0	74	219	210	2258
	III. North-Eastern Division.													
7	Nairn,	8,347	8,372	247	155	45	208	2	1	0	0	19	0	230
8	Elgin (or Moray),	44,305	44,549	1203	736	241	1205	6	5	0	0	99	11	1326
9	Banff,	56,020	58,883	1789	982	371	1775	17	7	0	0	115	5	1919
10	Aberdeen,	223,417	246,298	8334	4361	1680	7654	18	7	3	4	581	33	8300
11	Kincardine,	34,781	35,097	1084	551	205	1046	7	1	0	0	63	2	1119
	IV. East-Midland Division.													
12	Forfar,	206,750	240,049	8669	5471	1982	7347	28	21	26	96	897	67	8482
13	Perth,	133,198	128,550	3373	2553	765	3217	12	7	0	0	251	36	3523
14	Fife,	155,021	160,924	5494	3064	1205	4771	21	7	2	2	415	25	5243
15	Kinross,	8,731	7,918	179	158	44	200	2	0	0	0	22	4	228
16	Clackmannan,	20,122	22,235	825	456	165	697	5	1	0	0	53	11	767
	V. West-Midland Division.													
17	Stirling,	88,138	93,345	3661	2148	813	3157	14	4	1	0	312	33	3521
18	Dumbarton,	54,179	61,116	2294	1434	442	1942	17	1	0	0	211	58	2229
19	Argyll,	83,859	79,661	1972	1563	360	1770	87	6	0	1	138	64	2066
20	Bute,	16,311	16,966	384	380	93	359	7	1	0	0	37	24	428
	VI. South-Western Division.													
21	Renfrew,	168,746	195,305	7787	5837	1777	6818	16	5	1	30	746	190	7806
22	Ayr,	199,083	200,908	8047	4816	1824	6844	14	3	1	13	647	72	7594
23	Lanark,	640,444	787,005	34411	23122	7975	29846	40	23	12	71	3221	790	34003
	VII. South-Eastern Division.													
24	Linlithgow,	39,045	41,379	1718	925	336	1503	5	0	0	0	155	27	1690
25	Edinburgh,	273,792	328,138	11504	7307	2992	9739	56	43	18	1	1097	324	11278
26	Haddington,	37,626	37,755	1163	779	254	1015	16	0	0	1	76	16	1124
27	Berwick,	36,488	36,382	1010	616	194	966	3	2	0	0	65	7	1043
28	Peebles,	11,264	12,218	361	189	66	374	3	1	0	0	30	6	414
29	Selkirk,	10,747	14,334	811	424	178	638	9	0	0	0	83	7	737
	VIII. Southern Division.													
30	Roxburgh,	53,722	53,558	1558	940	342	1408	13	3	0	0	131	9	1564
31	Dumfries,	75,904	74,842	2188	1544	516	2041	30	3	0	19	179	46	2318
32	Kircudbright,	42,680	42,087	1223	745	273	1098	16	8	0	0	88	14	1224
33	Wigtown,	41,910	38,602	1120	704	240	1073	6	0	0	1	67	9	1156

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
	I. NORTHERN DIVISION.													
	1. SHETLAND.													
1	Bressay, etc.—(1) Bressay, - -	915	902	16	19	3	24	0	0	0	0	2	0	26
	(2) Burra and Quarff, -	890	952	27	8	8	24	2	0	0	0	0	1	27
2	Delting, - - - -	1975	1862	38	18	10	39	4	2	0	0	2	1	48
3	Dunrossness, etc.—(1) Dunrossness, -	2113	1970	36	21	11	40	2	0	0	0	2	10	54
	(2) Sandwick & Cunningsburgh, -	2337	2326	57	28	8	57	4	0	0	0	6	2	69
	(3) Fair Isle, - - -	380	226	6	3	2	0	0	0	0	0	0	11	11
4	Fetlar, etc.—(1) Fetlar, - -	548	517	4	8	1	7	0	0	0	0	0	0	7
	(2) North Yell, - -	932	893	21	9	3	22	0	0	0	0	1	3	26
5	LERWICK, - - - -	3631	4180	106	86	48	93	5	0	0	0	7	3	108
6	Mid and South Yell, - -	1784	1843	46	30	2	17	2	0	0	0	2	20	41
7	Nesting, etc.—(1) Nesting, - -	855	868	29	9	7	19	2	0	0	0	1	0	22
	(2) Lunnasting, -	880	822	18	9	0	13	2	0	0	0	0	7	22
	(3) Whalsay and Skerries	848	989	33	11	2	26	0	0	0	5	0	1	32
8	Northmavine, - - -	2585	2602	53	35	7	40	0	0	0	0	2	15	57
9	Sandsting and Aithsting, - -	2670	2806	54	33	18	70	0	0	0	0	3	5	78
10	Tingwall, etc.—(1) Tingwall, - -	1554	1442	28	26	5	29	1	0	0	0	3	3	36
	(2) Whiteness and Weisdale,	1143	1049	23	22	3	24	1	0	0	0	1	4	30
11	Unst, - - - -	3060	2780	61	32	3	42	9	0	0	0	6	0	57
12	Walls, etc.—(1) Walls, - -	1365	1325	29	16	3	28	1	0	0	0	1	2	32
	(2) Sandness, - -	606	646	19	8	0	17	0	0	0	0	1	3	21
	(3) Papa-Stour, - -	366	351	5	1	0	5	0	0	0	0	3	4	12
	(4) Foula, - -	233	257	6	0	0	0	0	0	0	0	0	8	8
	2. ORKNEY.													
13	Birsay, - - - -	1774	1597	36	19	5	28	1	0	0	0	1	1	31
14	Deerness, - - - -	813	863	16	13	3	28	0	0	0	0	1	1	30
15	Eday and Pharay, - - -	979	905	22	12	6	22	0	0	0	0	1	0	23
16	Evie and Rendall, - - -	1408	1340	37	19	7	26	1	0	0	0	1	0	28
17	Firth and Stennes, - - -	1493	1434	28	26	5	34	0	0	0	0	0	0	34
18	Harray, - - - -	819	727	16	14	5	9	1	0	0	0	0	0	10
19	Holm and Paplay, - - -	834	935	26	15	10	30	0	0	0	0	0	0	30
20	Hoy and Græmsay, - - -	556	581	17	10	4	9	9	0	0	0	2	1	21
21	KIRKWALL and St Ola, - -	4422	4261	107	86	28	94	1	0	0	0	7	0	102
22	North Ronaldshay, - - -	532	539	14	9	3	20	0	0	0	0	0	0	20

23	Orphir, - - - -	1133	1040	20	17	4	25	1	0	0	0	1	0	27
24	Rousay and Egilsay, - -	1152	1101	42	20	8	23	0	0	0	0	2	0	25
25	St Andrews, - - -	868	870	17	16	2	17	1	0	0	0	0	0	18
26	Sanday, - - - -	2145	2053	53	27	8	52	0	1	0	0	1	0	54
27	Sandwick, - - - -	1225	1153	18	14	9	26	2	0	0	0	3	0	31
28	Shapinshay, - - -	973	949	24	9	4	22	1	0	0	0	0	0	23
29	South Ronaldshay and Burray, -	3282	3228	93	48	25	111	6	0	0	0	1	0	118
30	Stromness, - - -	2540	2403	52	51	6	52	0	0	0	0	3	3	58
31	Stronsay, - - - -	1228	1305	31	25	8	33	1	0	0	0	0	0	34
32	Walls, etc.—(1) Walls, - -	1254	1107	28	22	9	33	1	0	0	0	3	0	37
	(2) Flotta, - -	420	423	8	11	5	12	0	0	0	0	1	0	13
33	Westray, etc.—(1) Westray, - -	2153	2090	68	32	15	50	1	0	0	0	2	0	53
	(2) Papa-Westray, -	392	370	10	3	0	8	0	0	0	0	0	0	8
	3. CAITHNESS.													
34	Bower, - - - -	1746	1700	43	28	6	39	1	0	0	0	2	0	42
35	Canisbay, - - - -	2730	2729	82	39	9	69	4	0	0	0	0	1	74
36	Dunnet, - - - -	1861	1661	32	25	13	22	3	0	0	0	1	1	27
37	Halkirk, - - - -	2864	2664	68	48	16	57	3	0	0	0	4	1	65
38	Latheron, - - - -	8571	7400	163	133	37	191	2	0	0	0	11	0	204
39	Olrig, - - - -	2059	2028	42	29	8	50	0	0	0	0	0	0	50
40	Reay, - - - -	2476	2331	47	38	11	53	1	0	0	0	3	0	57
41	THURSO, - - - -	5561	5754	175	109	31	130	16	1	0	0	17	0	164
42	Watten, - - - -	1491	1453	31	26	7	42	2	0	0	0	3	0	47
43	WICK, - - - -	12841	13291	350	248	62	288	47	0	0	0	31	41	407
	4. SUTHERLAND.													
44	Assynt—(1) Kirkton, - -	553	487	11	13	2	14	0	0	0	0	1	0	15
	(2) Stoer, - - -	2625	2519	59	39	14	29	0	0	0	0	6	1	36
45	Clyne, - - - -	1886	1733	36	40	10	29	0	0	0	0	3	0	32
46	Creich—(1) Bonar, - -	1982	1854	35	23	8	35	1	1	0	0	1	0	38
	(2) Rosehall, - -	539	670	15	8	2	21	0	0	0	0	0	0	21
47	DORNOCH, - - -	2885	2764	56	47	8	48	0	0	0	0	7	1	56
48	Durness, - - - -	1109	1049	20	14	2	24	1	0	0	0	0	0	25
49	Eddrachillis—(1) Scourie, -	727	648	10	11	2	6	0	0	0	0	0	2	8
	(2) Kinlochbervie, -	914	882	30	16	6	18	0	0	0	0	1	5	24
50	Farr—(1) Kirkton, - -	1251	1190	30	24	4	20	0	0	0	0	2	0	22
	(2) Strathy, - - -	852	829	21	15	6	14	0	0	0	0	2	1	17
51	Golspie, - - - -	1615	1804	41	29	10	36	0	0	0	0	3	1	40
52	Kildonan, - - - -	2132	1916	61	44	10	35	0	1	0	0	2	7	45
53	Lairg, - - - -	961	978	27	14	5	30	0	0	0	0	3	0	33
54	Loth, - - - -	610	583	15	5	2	9	0	0	0	0	0	0	9
55	Rogart, - - - -	1439	1341	28	27	4	28	0	0	0	0	0	0	28
56	Tongue, - - - -	2077	2051	44	26	5	37	0	0	0	0	2	2	41
	II. NORTH-WESTERN DIVISION.													
	5. ROSS AND CROMARTY.													
	Mainland.													
57	Alness, - - - -	1178	1053	16	9	1	19	0	1	0	0	4	0	24

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
									On the ground of Constitutional Insusceptibility.	On the ground of Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	Ross and Cromarty—*continued.*													
58	Applecross—(1) Applecross,	1064	1129	23	11	5	17	8	0	0	0	1	1	27
	(2) Shieldaig,	1480	1341	38	18	10	22	5	1	0	0	1	0	29
59	Avoch,	1788	1828	56	33	9	44	2	1	0	0	3	1	51
60	Contin,*	c852	893	23	17	4	31	1	0	0	0	1	0	33
61	CROMARTY,	2300	2180	65	37	9	63	0	0	0	0	3	1	67
62	DINGWALL,	2412	2443	52	29	11	53	0	0	0	0	7	3	63
63	Edderton,	836	860	20	21	1	17	0	2	0	0	1	0	20
64	Fearn,	2083	2135	65	30	8	49	0	0	0	0	4	0	53
65	Fodderty,*	c2212	2086	40	35	4	35	3	0	0	0	3	0	41
66	Gairloch—(1) Northern,	1927	1669	34	24	9	34	0	0	0	0	2	12	48
	(2) Southern,	3522	3379	61	51	9	64	2	0	0	0	3	6	75
67	Glenshiel,	485	463	9	11	0	7	1	0	0	0	1	0	9
68	Killearnan,	1494	1272	29	13	2	22	0	0	0	0	0	0	22
69	Kilmuir-Easter,	1295	1281	21	22	1	34	0	0	0	0	1	0	35
70	Kiltearn,	1634	1496	31	19	3	34	0	1	0	0	3	0	38
71*a*	Kincardine—(1) Kincardine,	1746	1273	29	22	3	31	1	0	0	0	3	0	35
	(2) Strathoykell,		412	6	4	0	11	0	0	0	0	3	0	14
71*b*	Kinlochluichart,*	714	704	15	6	1								
72	Kintail,	890	753	14	17	1	7	0	0	0	0	0	2	9
73	Knockbain,	2485	2155	35	35	7	39	0	0	0	0	3	0	42
74	Lochalsh,	2413	2319	44	29	14	22	0	0	0	0	3	23	48
75	Lochbroom—(1) Lochbroom	3577	3167	73	59	15	51	2	0	0	4	0	9	66
	(2) Coigach,	1285	1239	34	22	8	8	14	0	0	0	1	2	25
76	Lochcarron,	1592	1629	33	22	5	17	1	0	0	0	4	10	32
77	Logie-Easter,	932	912	20	19	2	20	0	0	0	0	1	0	21
78	Nigg,	1253	1201	21	11	5	26	0	0	0	0	1	0	27
79	Rosolis,	1568	1527	32	20	10	37	0	0	0	0	0	0	37
80	ROSEMARKIE,	1545	1441	35	35	7	31	0	0	0	0	3	0	34
81	Rosskeen,	3766	3808	90	63	14	64	1	0	0	0	6	1	72
82	TAIN,	3294	3221	78	73	9	67	4	1	0	0	4	1	77
83	Tarbat,	2269	2182	40	23	10	53	2	0	0	0	3	1	59
84	Urquhart and Logie-Wester,	3147	2863	40	55	3	51	0	0	0	0	1	4	56
85	Urray,*	c2343	2296	43	36	13	45	0	0	0	0	3	0	48
	Insular.													
86*a*	Barvas,	4609	4950	173	66	46	144	14	1	0	0	8	0	167
86*b*	Carloway,	2204	2702	98	49	6	87	0	0	0	0	7	0	94
87	Lochs,	3568	4162	138	59	24	117	19	0	0	0	8	0	144
88	Stornoway	8668	9510	294	136	49	239	29	1	0	0	25	1	295
89	Uig,	2007	2159	60	20	12	41	7	0	0	0	5	0	53

	6. INVERNESS.													
	Mainland.													
90*a*	Abernethy and Kincardine,	1928	1752	50	29	12	25	0	0	0	0	4	0	29
90*b*	Alvie,	833	882	24	7	4	21	0	0	0	0	1	0	22
91	Ardersier,	1239	1284	60	43	12	59	0	0	0	0	6	0	65
92	Boleskine, etc.—(1) Boleskine,	813	681	20	11	0	13	1	0	0	0	1	0	15
	(2) Fort-Augustus or Abertarff,	930	897	17	15	4	10	0	0	0	0	0	0	10
93	Cromdale and Inverallan. (Now 128*b infra.*)													
94	Croy and Dalcross,	1873	1841	39	19	13	45	1	0	0	0	2	1	49
95	Daviot and Dunlichty,	1741	1598	31	22	2	29	3	0	0	0	3	0	35
96*a*	Dores,	1506	1401	25	19	6	20	0	0	0	0	1	1	22
96*b*	Duthill, etc.—(1) Duthill,	1609	1530	34	24	4	30	0	0	0	0	2	1	33
	(2) Rothiemurchus,	319	342	5	3	1	7	0	0	0	0	0	0	7
97	Glenelg—(1) Glenelg,	800	714	16	11	3	5	5	0	0	0	0	0	10
	(2) Knoydart,	574	499	11	13	1	6	4	0	0	0	2	1	13
	(3) North Morar,	469	440	20	4	4	11	0	0	0	0	1	0	12
98	INVERNESS,	16162	18552	531	465	112	459	14	1	0	0	53	6	533
99	Kilmonivaig—(1) Glengarry,	625	550	10	6	3	12	0	0	0	0	0	0	12
	(2) Lochaber,	1651	1417	30	25	4	27	0	0	0	1	4	0	32
100	Kilmorack,	2852	2728	45	56	7	58	2	2	0	0	3	2	67
101	Kiltarlity,	2839	2537	30	39	7	53	0	0	0	0	1	2	56
102	Kingussie and Insh,	2033	2101	59	29	5	35	8	0	0	0	3	4	50
103	Kirkhill,	1757	1582	30	24	6	23	1	0	0	0	1	2	27
104	Laggan,	986	950	22	14	2	22	0	0	0	0	2	0	24
105	Moy and Dalarossie,	1026	1005	15	14	2	11	0	0	0	0	2	0	13
106	Petty,	1671	1549	40	21	5	39	1	0	0	0	1	0	41
107	Urquhart, etc.—(1) Urquhart,	2294	2215	53	30	8	47	1	1	0	1	3	1	54
	(2) Glenmoriston,	617	565	6	4	1	8	0	0	0	0	3	0	11
	Insular.													
108	Barra,	1853	1997	75	61	3	45	2	0	0	0	19	0	66
109	Bracadale,	1335	1113	18	19	1	21	0	0	0	0	1	1	23
110	Duirinish,	4775	4422	129	77	19	90	2	0	0	4	18	4	118
111	Harris—(1) Harris,	3769	3668	143	63	20	33	0	0	0	0	8	86	127
	(2) Bernera,	336	381	17	7	1	13	1	0	0	0	3	0	17
	(3) St Kilda,	78	71			1	0	0	0	0	0	0	2	2
112	Kilmuir—(1) Kilmuir,	1561	1362	35	18	8	10	0	0	0	0	5	32	47
	(2) Stenscholl,	1311	1228	38	18	4	36	1	0	0	0	5	0	42
113	North Uist,	3959	4107	127	85	18	48	8	0	0	66	16	6	144
114	Portree—(1) Portree,	2579	2328	67	45	7	37	6	1	0	0	5	3	52
	(2) Raasay,	580	600	19	11	5	12	0	0	0	0	3	5	20
115	Sleat,	2330	2233	51	41	11	33	2	0	0	0	4	11	50
116	Small Isles,	567	522	13	10	2	5	0	4	0	0	3	0	12
117	Snizort—(1) North,	961	803	21	11	3	7	0	0	0	0	2	13	22
	(2) South,	1652	1500	31	27	7	32	0	0	0	0	5	12	49
118	South Uist—(1) Benbecula,	1544	1651	45	15	7	39	0	0	0	0	3	7	49
	(2) Howmore,	1763	1818	59	36	16	48	1	0	0	0	7	1	57
	(3) Boisdale,	2051	2280	55	32	4	25	18	0	0	0	11	0	54
119	Strath,	2664	2562	65	45	14	55	0	0	0	2	2	6	65

* Kinlochluichart was constituted in 1873, and is composed of parts of the Districts of Contin, Fodderty, and Urray. In 1871, the populations of these three Districts, before alteration, was—Contin, 1550; Fodderty, 2121; and Uurray, 2308.

No. of District	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.								
									Insusceptible of Vaccine Disease.						
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	Constitutional Insusceptibility.	On the ground of Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
	III. NORTH-EASTERN DIVISION.													
	7. NAIRN.													
120	Ardclach,	1330	1197	30	15	3	29	0	0	0	0	2	0	31
121	Auldearn,	1328	1279	41	23	5	30	0	0	0	0	5	0	35
122	Cawdor,	1203	1027	34	17	3	25	0	0	0	0	2	0	27
123	NAIRN,	4486	4869	142	100	34	124	2	1	0	0	10	0	137
	8. ELGIN (OR MORAY.)													
124	Abernethy and Kincardine. (Now 90*a supra.*)													
125	Alves,	1010	1018	42	17	3	34	0	0	0	0	1	0	35
126	Bellie,	1967	2013	54	33	7	40	0	0	0	0	6	0	46
127	Birnie,	411	375	15	6	4	9	0	0	0	0	2	0	11
128*a*	Boharm,	1412	1337	34	20	2	25	1	3	0	0	3	2	34
128*b*	Cromdale, etc.—(1) Cromdale,	1308	1295	22	17	5	32	0	0	0	0	1	0	33
	(2) Inverallan	2635	2522	65	47	14	76	0	0	0	0	5	0	81
129	Dallas,	1102	1060	24	16	6	39	0	0	0	0	3	1	43
130	DRAINIE,	3028	3293	125	46	33	116	0	0	0	0	10	0	126
131	Duffus,	3308	3716	111	72	22	101	0	0	0	0	9	0	110
132	Duthill, etc. (Now 96*b supra.*)													
133	Dyke,	1247	1238	24	20	3	28	0	0	0	0	0	0	28
134	Edinkillie,	1303	1286	32	20	6	25	1	0	0	0	0	0	26
135	ELGIN,	9866	9703	226	183	62	245	1	1	0	0	30	4	281
136	New Spynie,	518	573	16	12	3	18	0	0	0	0	2	0	20
137	FORRES,	4112	4562	133	82	19	114	0	0	0	0	13	1	128
138	Kinloss,	1315	1112	22	14	5	30	0	0	0	0	2	0	32
139	Knockando,	1736	1909	48	38	6	58	1	0	0	0	1	2	62
140	Rafford,	1055	1101	36	18	0	27	0	0	0	0	1	0	28
141	Rothes,	2407	2148	55	25	12	63	1	1	0	0	3	0	68
142	St Andrew's-Lhanbryde,	1344	1286	30	10	10	45	0	0	0	0	2	0	47
143	Speymouth,	689	634	21	7	1	22	0	0	0	0	1	0	23
144	Urquhart,	2532	2368	68	33	18	58	1	0	0	0	4	1	64
	9. BANFF.													
145	Aberlour,	1520	1632	39	29	9	50	0	0	0	0	2	1	53
146	Alvah,	1467	1436	23	23	8	48	0	2	0	0	1	0	51

147	BANFF, – – – –	7740	8425	285	164	59	263	3	2	0	0	16	1	285
148	Botriphnie, – – –	867	785	14	4	4	23	0	0	0	0	1	0	24
149	Boyndie, – – – –	1711	1854	56	31	9	54	0	0	0	0	5	0	59
150	CULLEN, – – –	1821	2056	71	39	16	70	0	0	0	0	4	0	74
151	Deskford, – – – –	1031	972	21	12	6	22	0	0	0	0	2	0	24
152	Enzie, – – – –	2072	2251	77	36	11	67	2	0	0	0	5	0	74
153	FORDYCE—(1) FORDYCE, –	4145	2050	79	22	15	122	0	2	0	0	8	0	132
	(2) Portsoy, – –		2100	65	69	18								
154	Forglen, – – – –	783	845	26	8	2	23	0	0	0	0	2	0	25
155*a*	Gamrie, – – – –	3019	3151	88	39	25	98	0	1	0	0	4	0	103
155*b*	Glenrinnes, – – –	439	466	8	5	0	8	0	0	0	0	1	0	9
156	Grange, – – – –	1909	1876	47	26	15	60	0	0	0	0	3	0	63
157	Inveravon—(1) Inveravon, – –	868	890	29	17	3	24	0	0	0	0	1	0	25
	(2) Glenlivat, – –	1771	1718	51	34	9	37	0	0	0	0	2	1	40
158	Inverkeithny, – – –	880	1000	31	11	6	24	0	0	0	0	3	0	27
159	KEITH, – – – –	5943	5891	182	106	35	159	3	0	0	0	10	0	172
160	Kirkmichael, etc.—(1) Kirkmichael, –	551	477	10	11	1	6	0	0	0	0	0	0	6
	(2) Tomintoul, –	960	799	16	16	7	20	0	0	0	0	0	0	20
161	Marnoch, – – – –	3289	3294	105	62	18	118	0	0	0	0	9	0	127
162	Mortlach, – – – –	2801	2737	81	49	15	74	2	0	0	0	7	1	84
163	Ordiquhill, – – –	764	761	19	10	3	23	0	0	0	0	1	1	25
164	RATHVEN, – – –	4922	6659	232	100	38	235	1	0	0	0	17	0	253
165	Rothiemay, – – –	1414	1370	43	21	11	44	0	0	0	0	0	0	44
166	St Fergus, – – –	1608	1633	39	28	16	51	0	0	0	0	4	0	55
167	SEAFIELD, – – –	1725	1755	52	20	12	52	6	0	0	0	7	0	65
	10. ABERDEEN.													
168	ABERDEEN—(1) St Nicholas, –	41962	47077	1692	1210	369	1531	3	1	1	0	177	5	1718
	(2) Old Machar, – –	31938	41104	1400	904	357	1247	0	1	2	0	103	7	1360
	(3) Do. (Landward), –	1298	1373	43	13	9	44	0	0	0	0	2	0	46
169	Aberdour, – – – –	1837	1945	70	35	13	63	0	2	0	1	0	0	66
170	Aboyne, – – – –	1160	1351	48	18	11	37	1	0	0	0	1	0	39
171	Alford, – – – –	1264	1396	32	13	5	42	0	0	0	0	1	0	43
172	Auchindoir, – – –	1593	1545	51	25	3	43	1	0	0	0	7	0	51
173	Auchterless, – – –	1782	1971	61	21	11	67	0	0	0	0	4	0	71
174	Belhelvie, – – –	1807	1833	48	16	12	54	0	0	0	0	6	0	60
175	Birse, – – – –	1284	1198	23	10	9	37	0	0	0	0	0	0	37
176	Bourtie, – – – –	547	499	14	3	3	18	0	0	0	0	0	0	18
177	Cabrach, – – – –	794	775	19	10	4	22	0	0	0	0	1	0	23
178	Cairney, – – – –	1490	1525	41	16	8	39	0	0	0	0	5	0	44
179	Chapel of Garioch, – – –	2023	1928	46	20	7	55	0	0	0	0	6	1	62
180	Clatt, – – – –	511	483	12	5	3	4	0	0	0	0	1	0	5
181	Cluny, – – – –	1254	1366	45	22	7	41	0	0	0	0	2	0	43
182	Coull, – – – –	792	824	19	8	3	28	0	0	0	0	0	0	28
183	Crathie and Braemar, – –	1574	1566	45	31	7	35	0	0	0	0	2	0	37
184	Crimond, – – – –	892	887	27	21	3	26	0	0	0	0	1	0	27
185	Cruden, – – – –	2743	3124	106	42	23	89	0	0	0	0	6	0	95
186	Culsamond, – – –	1165	896	22	14	4	32	0	0	0	0	0	0	32
187	Daviot, – – – –	614	597	14	4	1	21	0	0	0	0	1	0	22
188	Drumblade – – –	926	931	28	17	8	15	0	0	0	0	2	0	17

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.								
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
		1861.	1871.	Births.	Deaths.	Marriages.			On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
	ABERDEEN—*continued.*													
189	Drumoak,	996	1032	21	12	5	24	0	0	0	0	1	0	25
190	Dyce,	585	945	40	20	7	22	0	0	0	0	3	0	25
191	Echt,	1287	1259	35	12	5	29	0	0	0	0	0	0	29
192	Ellon,	3239	3036	94	45	14	112	0	0	0	0	1	1	114
193	Fintray,	1003	1108	40	15	3	32	0	0	0	0	0	0	32
194	Forgue,	1397	1332	33	14	8	43	0	0	0	0	1	2	46
195	Foveran,	1891	1859	69	25	8	63	0	0	0	0	5	0	68
196	FRASERBURGH,	4511	5301	302	95	37	228	0	0	0	0	15	2	245
197	Fyvie,	3264	3306	110	36	14	90	0	0	0	0	10	0	100
198	Gartly,	1029	972	29	14	2	19	0	0	0	0	4	0	23
199	Glass,	1049	1061	32	14	6	36	0	0	0	0	3	0	39
200	Glenbucket,	552	570	17	6	1	21	0	0	0	0	1	0	22
201	Glenmuick, Tullich, and Glengairn,	1668	2160	70	29	13	64	0	0	0	0	7	1	72
202	HUNTLY,	4329	4374	131	61	22	122	0	0	0	0	5	0	127
203	Insch,	1565	1596	48	21	8	62	0	0	0	0	4	0	66
204	INVERURIE,	2668	2970	94	40	20	88	0	0	0	0	5	0	93
205	Keig,	811	886	22	14	3	22	0	0	0	0	2	0	24
206	Keith-hall,	933	874	23	9	5	25	0	0	0	0	0	0	25
207	Kemnay,	832	1300	65	18	7	35	0	0	0	0	2	0	37
208	Kildrummy,	590	660	17	12	7	17	0	0	0	0	1	0	18
209	Kincardine O'Neil,	2186	2000	57	27	13	38	0	0	0	0	4	0	42
210	King-Edward—(1) King-Edward,	1050	1058	32	9	5	30	0	1	0	0	3	0	34
	(2) New Byth,	1793	2053	94	41	18	67	0	0	0	0	3	0	70
211	KINNELLAR,	691	601	23	8	6	14	0	0	0	0	1	0	15
212	Kinnethmont,	1187	1062	31	10	1	19	0	0	0	0	1	0	20
213	KINTORE,	1895	2158	66	31	13	66	0	0	0	0	7	0	73
214	Leochel-Cushnie,	1173	1232	44	10	6	38	0	0	0	0	1	0	39
215	Leslie,	577	532	9	7	2	12	1	0	0	0	1	0	14
216	Logie-Buchan,	762	808	18	5	4	23	0	0	0	0	2	0	25
217	Logie-Coldstone,	932	900	25	11	6	27	0	0	0	0	2	0	29
218	Longside,	3008	3321	122	43	18	122	0	0	0	0	6	0	128
219	Lonmay,	2142	2245	77	36	14	78	0	0	0	0	0	0	78
220	Lumphanan,	1251	1239	29	19	4	32	0	0	0	0	4	0	36
221	Methlic,	2157	2084	75	27	10	58	0	0	0	0	3	0	61
222*a*	Midmar,	1091	1127	25	14	3	25	0	1	0	0	0	0	26
222*b*	Millbrex,	1357	1484	41	19	15	44	0	0	0	0	0	0	44
223	Monquhitter,	2303	2670	76	27	13	86	0	0	0	0	2	0	88
224	Monymusk,	988	996	25	8	2	34	0	0	0	0	0	0	34

225	New Deer,	3736	4147	131	79	28	120	3	0	0	0	11	2	136
226	Newhills,	3463	4210	156	89	37	131	0	0	0	0	2	1	134
227*a*	New Machar,	1556	1520	40	20	8	31	1	0	0	0	0	0	32
227*b*	NEW PITSLIGO,	2609	3090	109	51	21	110	0	0	0	0	11	0	121
228	Old Deer,	4392	4434	139	64	28	136	1	0	0	0	9	2	148
229	Old Meldrum,	2343	2330	73	22	19	79	0	0	0	0	5	0	84
230	Oyne,	1127	1050	29	12	7	32	0	0	0	0	1	0	33
231	Peterculter,	1483	1668	40	23	6	35	0	0	0	0	2	0	37
232	PETERHEAD,	9796	11506	512	219	104	479	1	0	0	0	47	2	529
233	Pitsligo,	1890	2218	91	28	18	91	0	0	0	3	9	0	103
234	Premnay,	916	997	34	20	14	30	0	0	0	0	4	0	34
235	Rathen,	2554	2850	88	46	15	87	0	0	0	0	4	0	91
236	Rayne,	1514	1409	39	24	7	40	2	0	0	0	2	0	44
237*a*	Rhynie,	1061	1195	35	25	7	34	0	0	0	0	1	0	35
237*b*	Savoch,	2061	1961	64	17	18	59	1	0	0	0	5	0	65
238	Skene,	1831	1842	43	24	10	38	2	0	0	0	2	0	42
239	Slains,	1266	1355	45	22	7	32	0	0	0	0	0	0	32
240	Strathdon,	1735	1761	50	24	12	56	0	0	0	0	0	1	57
241	Strichen,	2409	2254	77	31	9	64	0	0	0	0	3	2	69
242	Tarland,	970	983	38	12	7	27	0	0	0	0	0	0	27
243	Tarves,	2377	2288	72	30	13	58	0	0	0	0	2	2	62
244	Tough,	874	760	29	13	4	17	0	0	0	0	0	0	17
245	Towie,	839	798	28	10	2	20	0	0	0	0	1	0	21
246	Tullynessle and Forbes,	957	970	26	14	6	29	0	0	0	0	1	0	30
247	TURRIFF,	3693	4348	152	66	25	123	1	0	0	0	11	2	137
248	Tyrie,	833	869	22	5	5	21	0	0	0	0	2	0	23
249*a*	Udny,	1623	1626	57	17	7	62	0	0	0	0	4	0	66
249*b*	Ythan Wells,	1517	1494	48	12	8	56	0	1	0	0	4	0	61
	11. KINCARDINE.													
250	Arbuthnott,	932	924	26	9	3	26	0	0	0	0	0	0	26
251	BANCHORY-DEVENICK—													
	(1) BANCHORY-DEVENICK,	1159	1263	35	23	9	48	0	0	0	0	4	0	52
	(2) Portlethen,	1687	1789	50	29	9	53	0	0	0	0	4	0	57
252	Banchory-Ternan,	2947	2875	78	45	13	75	0	1	0	0	6	0	82
253	BENHOLM	1574	1569	51	28	8	61	0	0	0	0	2	0	63
254	BERVIE,	1561	1843	70	35	10	73	1	0	0	0	3	0	77
255	DUNNOTTAR,	1828	2102	68	26	15	68	1	0	0	0	0	0	69
256	Durris,	1109	1021	33	9	6	39	0	0	0	0	2	0	41
257	Fettercairn,	1700	1539	42	17	5	46	0	0	0	0	2	0	48
258	FETTERESSO—(1) FETTERESSO,	3575	3585	100	95	21	104	1	0	0	0	5	0	110
	(2) Cookney,	1952	2080	72	24	11	53	0	0	0	0	9	0	62
259	Fordoun,	2297	2113	62	32	16	51	0	0	0	0	3	0	54
260	Garvock,	458	476	14	3	0	11	0	0	0	0	1	0	12
261	Glenbervie,	1219	1073	29	12	6	23	0	0	0	0	2	0	25
262	Kinneff and Catterline,	1054	1062	32	16	7	34	1	0	0	0	2	0	37
263	Laurencekirk,	2110	2174	68	33	19	67	1	0	0	0	3	1	72
264	Maryculter,	1055	1110	20	10	5	27	0	0	0	0	1	0	28
265	Marykirk,	2068	1771	53	29	7	47	0	0	0	0	4	1	52
266	Nigg,	2074	2343	108	47	23	75	2	0	0	0	7	0	84

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	KINCARDINE—*continued.*													
267	St Cyrus,- - - -	1552	1585	50	20	10	47	0	0	0	0	3	0	50
268	Strachan,- - - -	870	795	23	9	2	18	0	0	0	0	0	0	18
	IV. EAST-MIDLAND DIVISION.													
	12. FORFAR.													
269	Aberlemno, - - - -	1054	1007	33	10	6	25	0	0	0	0	2	0	27
270	Airlie, - - - - -	845	778	22	7	4	28	0	0	0	0	6	0	34
271	Arbirlot, - - - - -	960	919	26	11	2	30	0	0	0	0	3	0	33
272	ARBROATH, - - - -	17831	20169	666	421	159	604	3	0	1	0	70	7	685
273	Auchterhouse, - - - -	706	721	19	8	0	26	0	0	0	0	1	0	27
274	BARRY, - - - - -	2465	3008	85	62	18	80	1	0	0	0	4	2	87
275	BRECHIN, - - - -	8810	9514	291	182	62	264	0	0	1	0	35	0	300
276	Carmylie, - - - -	1286	1309	47	16	7	34	0	0	0	0	2	0	36
277	Careston, - - - -	225	209	7	3	1	7	0	0	0	0	0	0	7
278	Cortachy and Clova, - - -	653	554	14	6	1	17	0	0	0	0	0	0	17
279	COUPAR-ANGUS, - - -	2642	2797	86	48	17	73	2	0	0	0	10	0	85
280	CRAIG, - - - - -	2177	2402	80	47	15	88	0	0	0	0	5	0	93
281	Dun, - - - - -	552	565	15	4	4	16	0	0	0	0	2	0	18
282	DUNDEE—(1) St Peter, - -	91664	22894	903	526	194	689	6	0	2	40	81	14	832
	(2) St Mary, - -		23582	1006	834	251	749	3	2	4	13	155	18	944
	(3) St Clement, - -		25090	969	627	335	823	1	2	3	3	119	7	958
	(4) St Andrew - -		38082	1656	1026	342	1273	8	4	11	39	164	5	1504
	(5) Lochee, - -		11076	423	268	107	327	0	10	3	1	59	7	407
283	Dunnichen, - - -	1932	1536	46	28	16	45	0	0	0	0	4	0	49
284	Eassie and Nevay, - - -	748	586	15	4	5	24	0	0	0	0	1	0	25
285	Edzell, - - - -	1025	976	19	10	1	21	0	0	0	0	0	0	21
286	Farnell, - - - -	703	580	20	7	5	16	0	0	0	0	2	0	18
287	Fearn, - - - -	439	348	13	0	1	9	0	0	0	0	0	0	9
288	FORFAR, - - - -	10838	12585	475	299	87	406	0	0	1	0	48	0	455
289	Glammis,- - - -	1980	1813	45	24	9	55	0	0	0	0	2	2	59
290	Glenisla, - - - -	1008	925	16	13	2	22	0	0	0	0	2	0	24
291	Guthrie, - - - -	476	404	13	3	3	11	0	0	0	0	1	0	12
292	Inverarity, - - - -	961	888	19	12	5	20	0	0	0	0	5	0	25
293	Inverkeillor, - - -	1792	1521	49	16	7	59	0	0	0	0	4	0	63
294	Kettins, - - - -	962	855	24	11	3	19	0	0	0	0	0	0	19
295	Kingoldrum, - - -	473	409	8	1	0	7	0	0	0	0	0	0	7

296	Kinnell, – – – –	816	766	23	7	4	21	0	0	0	0	1	0	22
297	Kinnettles, – – –	447	405	10	3	3	12	0	0	0	0	0	0	12
298	Kirkden, – – – –	1862	1623	62	25	13	66	0	0	0	0	2	0	68
299	KIRRIEMUIR, – – –	7359	6420	181	152	37	174	0	0	0	0	16	0	190
300	Lethnott and Navar, – –	446	318	7	1	1	11	0	0	0	0	2	0	13
301	Liff, Benvie, and Invergowrie, –	1430	1357	45	24	2	28	0	1	0	0	2	0	31
302	Lintrathen, – – – –	898	756	25	11	5	15	0	0	0	0	0	0	15
303	Lochlee, – – – –	495	424	3	6	3	10	0	0	0	0	0	0	10
304	Logie-Pert, – – –	1483	1251	22	13	9	36	0	0	0	0	3	0	39
305	Lunan, – – – –	259	248	8	2	2	6	0	0	0	0	0	0	6
306	Lundie, – – – –	442	400	14	7	7	11	0	0	0	0	3	0	14
307	Mains, etc.—(1) Mains, – –	1392	1927	72	30	18	75	0	0	0	0	4	0	79
	(2) Strathmartine, –	789	822	34	11	3	23	0	1	0	0	1	0	25
308	Marytown, – – –	417	396	17	6	0	6	0	0	0	0	0	0	6
309	Menmuir,– – – –	796	761	27	8	3	25	0	0	0	0	2	0	27
310	MONIFIETH, – – –	5052	7252	256	143	45	236	1	1	0	0	20	1	259
311	Monikie, – – – –	1460	1397	36	12	12	52	0	0	0	0	3	0	55
312	MONTROSE, – – –	15668	15783	447	351	91	424	0	0	0	0	29	2	455
313	Murroes, – – – –	763	751	22	8	2	24	0	0	0	0	3	1	28
314	Newtyle, – – – –	1139	931	35	17	4	30	0	0	0	0	2	0	32
315	Oathlaw, – – – –	399	452	12	5	0	11	0	0	0	0	0	0	11
316	PANBRIDE, – – –	1299	1331	42	25	16	30	0	0	0	0	2	0	32
317	Rescobie, – – – –	747	748	23	8	2	32	0	0	0	0	0	0	32
318	Ruthven, – – – –	265	247	5	3	1	7	0	0	0	0	0	0	7
319	St Vigeans, – – –	2553	2513	65	31	18	62	0	0	0	0	7	0	69
320	Stracathro, – – –	546	503	10	2	0	11	0	0	0	0	0	0	11
321	Tannadice, – – –	1438	1286	34	9	7	22	0	0	0	0	3	0	25
322	Tealing, – – – –	883	879	22	17	5	20	3	0	0	0	5	1	29
	13. PERTH.													
323	Aberdalgie, – – –	295	342	7	2	1	11	0	0	0	0	1	0	12
324	Aberfeldy, – – –	2402	2286	48	47	10	55	1	0	0	0	5	1	62
325	Aberfoyle, – – –	565	432	9	6	0	3	0	0	0	0	2	1	6
326	Abernethy, – – –	1960	1744	50	26	13	42	1	0	0	0	2	0	45
327	Abernyte, – – –	310	253	6	5	1	10	0	0	0	0	0	0	10
328*a*	ALYTH, – – – –	3198	3151	98	66	16	65	0	0	0	0	5	0	70
328*b*	Ardoch, – – – –	1418	1316	36	16	5	34	0	0	0	0	1	0	35
329	AUCHTERARDER, – – –	4208	3795	113	77	32	89	0	0	0	0	10	0	99
330	Auchtergaven, – – –	2562	2141	54	40	7	55	0	0	0	0	3	0	58
331	Balquhidder, – – –	746	743	21	18	6	19	0	0	0	0	2	0	21
332	Bendochy, – – –	549	474	15	9	3	10	0	0	0	0	1	0	11
333	Blackford, – – –	2041	1836	44	26	7	52	0	0	0	0	3	0	55
334	Blair-Athol, – – –	1553	1718	54	28	3	55	0	0	0	0	1	1	57
335	BLAIRGOWRIE, – – –	4423	4832	142	110	37	125	0	0	0	0	12	1	138
336	Callander, – – –	1676	1870	53	44	6	38	0	0	0	0	1	1	40
337	Caputh, – – – –	1728	1571	30	22	12	37	1	0	0	0	4	0	42
338	Cargill, – – – –	1647	1411	44	22	9	28	0	0	0	0	5	0	33
339	Clunie, – – – –	699	603	16	12	4	22	0	0	0	0	2	0	24
340	Collace, – – – –	534	456	11	8	5	11	0	0	0	0	0	0	11
341	Comrie, – – – –	2226	1911	43	51	9	39	0	0	0	0	4	0	43

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	On the ground of previous Successful Vaccination.	In respect of the Children having already had Small-pox.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
	PERTH—*continued.*													
342	CRIEFF, – – –	4490	4598	120	101	26	121	1	0	0	0	10	0	132
343	CULROSS, – – –	1423	1354	22	20	6	40	0	0	0	0	0	0	40
344	Dowally, – – –	486	461	6	13	0	17	0	0	0	0	1	0	18
345	Dron, – – – –	376	343	3	2	3	7	0	0	0	0	0	0	7
346	Dull, – – – –	753	677	8	9	1	16	0	0	0	0	1	0	17
347	Dunbarney, – – –	1035	913	19	15	4	17	0	0	0	0	3	0	20
348	Dunblane, – – –	2528	2765	99	72	12	68	1	0	0	0	10	3	83
349	Dunkeld, – – – –	1086	881	19	17	6	22	0	0	0	0	0	0	22
350	Dunning, – – –	2084	1832	48	43	8	49	0	0	0	0	5	0	54
351	Errol, – – – –	2759	2504	71	42	15	75	0	0	0	0	3	0	78
352	Findo-Gask, – – –	399	369	19	5	3	13	0	0	0	0	0	0	13
353	Forgandenny, – – –	739	632	19	9	1	16	0	0	0	0	0	0	16
354	Forteviot, – – –	595	567	23	5	6	14	0	0	0	0	2	2	20
355*a*	Fortingall, – – –	1244	1014	31	19	4	21	0	0	0	0	2	0	23
355*b*	Foss, – – – –	381	270	4	4	3	4	0	0	0	0	0	0	4
356	Fowlis-Easter, – – –	317	291	12	4	1	8	1	0	0	0	0	0	9
357	Fowlis-Wester, – – –	1276	1028	27	12	9	23	0	0	0	0	1	1	25
358	Glendevon, – – –	138	105	3	1	0	2	0	0	0	0	0	0	2
359	Inchture, – – – –	659	659	28	9	3	24	0	0	0	0	0	0	24
360	Kenmore, – – – –	1515	1215	31	24	11	24	0	0	0	0	4	0	28
361	Killin, – – – –	1681	1977	33	26	8	33	0	0	0	0	1	1	35
362	Kilmadock, – – –	3312	3170	77	94	16	48	4	0	0	0	10	4	66
363	Kilspindie, – – –	665	679	20	10	2	19	0	0	0	0	1	0	20
364	Kincardine, – – –	1778	1484	36	24	9	34	0	0	0	0	5	0	39
365	Kinclaven, – – –	758	607	16	8	3	15	0	0	0	0	0	1	16
366	Kinfauns, – – –	657	578	12	7	5	18	0	0	0	0	0	0	18
367	Kinloch-Rannoch, – – –	1147	921	19	16	5	20	0	0	0	0	0	0	20
368	Kinnaird, – – –	318	299	7	7	0	11	0	0	0	0	0	0	11
369	Kinnoull, – – –	796	723	18	9	3	18	0	0	0	0	2	0	20
370	Kirkmichael—(1) Kirkmichael, –	812	657	17	14	2	10	0	1	0	0	1	0	12
	(2) Glenshee, – –	334	241	5	3	2	3	0	0	0	0	0	0	3
371	LECROPT, – – –	538	535	21	8	3	22	0	0	0	0	0	0	22
372	Lethendy, etc.—(1) Lethendy, –	235	179	4	3	1	4	0	0	0	0	0	0	4
	(2) Kinloch, –	295	251	4	0	1	4	0	0	0	0	0	0	4
373	Little Dunkeld, – – –	2089	2352	57	68	7	60	0	0	0	0	9	1	70
374	LOGIE, – – – –	3483	4553	92	81	23	89	0	0	0	0	10	5	104
375	Logiealmond, – – –	815	646	16	11	4	13	0	0	0	0	0	0	13

376	Logierait,	1902	1739	50	40	7	45	0	0	0	0	0	0	45
377	Longforgan,	1823	1753	68	33	9	62	0	0	0	0	2	0	64
378	Madderty,	536	523	10	4	2	11	0	0	0	0	0	1	12
379	Meigle,	1122	1003	23	19	8	37	0	0	0	0	4	0	41
380	Methven,	2290	2073	40	32	8	64	0	0	0	0	4	0	68
381	Moneydie,	252	244	3	2	1	8	0	0	0	0	0	0	8
382	Monzie,	461	413	6	3	0	5	0	0	0	0	2	0	7
383	Monzievaird,	782	744	22	6	4	20	0	0	0	0	3	0	23
384	Moulin,	1605	1561	30	17	9	39	0	0	0	0	0	0	39
385	MUCKHART,	615	612	17	11	3	8	0	0	0	0	1	0	9
386*a*	MUTHILL,	2001	1916	37	36	11	41	0	0	0	0	1	0	42
386*b*	Persie,	839	820	26	20	3	23	1	0	0	0	1	0	25
387	PERTH,	26094	26382	747	637	211	708	0	1	0	0	63	12	784
388	Port of Menteith,	1375	1243	25	21	7	28	0	0	0	0	0	0	28
389	RATTRAY,	2234	2586	75	44	17	58	0	0	0	0	8	0	66
390	Redgorton,	1596	1401	35	26	10	26	0	0	0	0	2	0	28
391	Rhynd,	297	327	6	2	2	10	0	0	0	0	1	0	11
392	St Madoes,	280	290	12	3	0	5	0	0	0	0	1	0	6
393	St Martins,	904	735	24	9	4	23	1	0	0	0	0	0	24
394*a*	Scone,	2153	2185	3	38	9	59	0	0	0	0	6	0	65
394*b*	Strathfillan,	411	342	7	10	2	7	0	1	0	0	0	0	8
394*c*	Tenandry,	595	530	8	9	2	14	0	0	0	0	0	0	14
395	Tibbermore,	1182	1128	25	17	11	35	0	1	0	0	2	0	38
396	Trinity-Gask,	488	415	17	2	2	10	0	0	0	0	0	0	10
397	Tullialian,	2410	2184	62	61	18	60	0	0	0	0	5	0	65
398	Weem,	215	186	4	1	3	9	0	0	0	0	0	0	9
	14. FIFE.													
399	Abbotshall,	1257	674	17	3	1	13	0	0	0	0	1	0	14
400	ABDIE,	1874	1057	33	19	6	24	0	0	0	0	1	0	25
401	Aberdour,	1155	1697	54	31	17	53	0	0	0	0	4	0	57
402	ANSTRUTHER-EASTER,	808	1239	46	16	6	36	0	0	0	0	1	0	37
403	ANSTRUTHER-WESTER,	438	545	15	13	1	18	0	0	0	0	2	0	20
404	Arngask,	705	565	16	9	2	22	0	0	0	0	0	0	22
405	AUCHTERDERRAN,	3457	4017	217	87	41	155	0	0	0	0	8	0	163
406	AUCHTERMUCHTY,	3285	2958	89	60	16	79	0	0	0	0	6	0	85
407	Auchtertool,	609	529	25	14	3	21	0	0	0	0	1	0	22
408	BALLINGRY,	736	982	58	23	12	40	0	0	0	0	4	0	44
409	Balmerino,	815	717	28	20	8	16	0	0	0	0	2	0	18
410	Beath,	2390	3534	212	72	44	166	0	0	0	0	16	0	182
411	BURNTISLAND,	3670	3872	123	76	32	109	0	0	0	0	16	1	126
412	Cameron,	1362	1158	31	14	7	28	0	0	0	1	1	0	30
413	Carnbee,	1157	1088	32	17	7	36	0	0	0	0	3	0	39
414	Carnock,	2925	1764	57	25	5	48	0	0	0	0	4	0	52
415	Ceres,	2723	2381	57	45	15	63	0	1	0	0	1	0	65
416	Collessie,	1530	1703	51	27	9	68	0	0	0	0	4	0	72
417	CRAIL,	1931	1864	57	28	13	45	0	0	0	0	3	0	48
418	Creich,	377	387	9	4	2	12	0	0	0	0	1	0	13
419	Cults,	800	767	27	11	4	27	0	0	0	0	3	0	30
420	CUPAR,	6750	7102	182	143	41	182	2	1	0	1	19	5	210

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.								
									Insusceptible of Vaccine Disease.						
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
	FIFE—*continued.*													
421	Dairsie,	638	687	20	10	2	14	0	0	0	0	4	0	18
422	Dalgetty,	1569	1310	53	23	10	39	0	0	0	0	2	0	41
423	Dunbog,	414	395	14	4	2	12	0	0	0	0	0	0	12
424	DUNFERMLINE—(1) Burgh,	13506	14963	614	348	192	436	1	0	0	0	45	5	487
	(2) Landward,	7609	8293	307	170	62	312	1	0	0	0	32	2	347
425	Dunino,	370	325	6	1	2	8	0	0	0	0	1	0	9
426	DYSART,	8842	9682	342	180	91	310	1	0	0	0	53	0	364
427	Elie,	826	775	21	9	7	19	1	0	0	0	0	0	20
428	FALKLAND,	2937	3069	82	53	16	75	0	0	0	0	4	6	85
429	Ferry-Port-on-Craig,	2013	2674	97	66	17	81	1	0	0	0	5	1	88
430	Flisk,	230	212	8	2	4	8	0	0	0	0	0	0	8
431	Forgan,	1326	2243	60	43	13	52	0	0	0	0	3	0	55
432	INVERKEITHING,	3196	3131	108	58	11	85	0	0	0	0	4	1	90
433	Kemback,	896	1056	24	12	8	22	0	0	0	0	0	0	22
434	Kennoway,	2012	1703	30	42	6	42	0	1	0	0	1	0	44
435	Kettle,	2474	2323	55	42	6	66	0	0	0	0	0	0	66
436	KILCONQUHAR,	2431	2018	59	32	14	47	0	0	0	0	1	0	48
437	Kilmany,	656	651	24	10	6	15	0	0	0	0	1	0	16
438	KILRENNY,	2534	2945	112	47	18	104	0	0	0	0	4	0	108
439	KINGHORN,	2349	2602	78	72	28	83	0	1	0	0	6	0	90
440	Kinglassie,	1266	1082	42	24	10	40	0	0	0	0	2	0	42
441	Kingsbarns,	937	922	32	12	6	14	0	0	0	0	0	0	14
442	KIRKCALDY,	11117	12835	449	258	105	378	9	1	0	0	51	0	439
443	Largo,	2626	2318	70	34	16	79	0	0	1	0	4	0	84
444	Leslie,	4332	4294	126	83	30	118	0	0	0	0	12	0	130
445	Leuchars,	1903	1727	58	35	8	43	1	0	0	0	0	0	44
446	Logie,	410	402	17	7	3	13	0	0	0	0	1	0	14
447	Markinch,	5375	5413	186	126	36	138	0	1	0	0	12	1	152
448	Moniemail,	1054	918	25	15	7	26	0	0	0	0	0	0	26
449	Moonzie,	179	154	5	2	0	5	0	0	0	0	0	0	5
450	NEWBURGH,	2693	2529	76	51	13	61	1	0	0	0	11	0	73
451	Newburn,	374	362	7	5	1	13	0	0	0	0	0	0	13
452	PITTENWEEM,	1710	1803	56	38	12	60	1	0	0	0	3	0	64
453	ST ANDREWS and St Leonards,	7605	8592	216	119	48	177	0	0	1	0	18	1	197
454	St Monance (or Abercrombie),	1498	1761	58	22	12	68	0	0	0	0	3	0	71
455	Saline,	1610	1259	38	21	9	33	0	0	0	0	1	0	34
456	Scoonie,	3257	3178	85	51	21	86	0	1	0	0	4	0	91

457	Strathmiglo,	2261	2267	68	40	4	50	1	0	0	0	5	0	56
458	Torryburn,	1229	1051	33	15	7	36	0	0	0	0	2	0	38
459	Wemyss,	6003	6400	297	125	50	242	1	0	0	0	19	2	264
	15. Kinross.													
460	Cleish,	649	539	18	11	2	15	0	0	0	0	0	0	15
461	Fossoway and Tulliebole,	1584	1461	32	29	5	50	0	0	0	0	3	1	54
462	Kinross,	2649	2477	65	54	17	52	0	0	0	0	7	2	61
463	Orwell,	2399	2248	35	30	13	52	1	0	0	0	8	1	62
464	Portmoak,	1450	1193	29	34	7	31	1	0	0	0	4	0	36
	16. Clackmannan.													
465	Alloa,	8867	9940	399	219	58	326	1	0	0	0	27	8	362
466	Clackmannan,	4425	4653	177	99	48	171	0	0	0	0	7	2	180
467	Dollar,	1776	2524	66	37	12	47	2	0	0	0	6	0	55
468	Tillicoultry,	5054	5118	183	101	47	153	2	1	0	0	13	1	170
	V. WEST-MIDLAND DIVISION.													
	17. Stirling.													
469	Airth,	1194	1396	55	36	16	54	0	0	0	0	6	0	60
470	Alva,	3283	4296	206	87	25	162	1	0	0	0	17	0	180
471	Baldernock,	718	616	8	8	2	19	0	0	0	0	0	2	21
472	Balfron,	1517	1502	34	40	8	38	0	1	0	0	3	0	42
473	Bothkennar,	1722	2455	121	64	24	109	0	0	0	0	14	0	123
474	Buchanan,	705	591	19	13	1	9	0	0	0	0	1	0	10
475	Campsie,	6483	6739	230	133	65	212	0	0	0	0	11	0	223
476	Denny,	4988	4993	210	96	51	182	1	0	0	0	10	3	196
477	Drymen,	1619	1405	37	18	5	28	0	0	0	0	4	0	32
478	Dunipace,	1731	1733	48	21	12	57	0	0	0	0	5	1	63
479	FALKIRK—(1) Burgh,	9030	9547	392	262	66	295	6	0	1	0	35	3	340
	(2) Landward,	7996	8504	372	201	97	305	1	0	0	0	28	1	335
480	Fintry,	685	499	16	12	0	12	0	0	0	0	0	0	12
481	Gargunnock,	728	675	17	17	2	22	0	0	0	0	0	0	22
482	Killearn,	1171	1111	33	11	9	23	0	0	0	0	3	0	26
483	Kilsyth,	6112	6313	285	153	59	264	2	0	0	0	25	2	293
484	Kippen,	1722	1568	43	31	10	35	0	0	0	0	3	0	38
485	Larbert,	4999	5280	195	136	32	198	0	1	0	0	20	0	219
486	Muiravonside,	2660	2653	127	49	19	117	0	0	0	0	11	2	130
487	Polmont,	4111	3910	180	79	44	134	0	0	0	0	14	5	153
488	ST NINIANS—(1) ST NINIANS	4693	5289	181	151	36	164	3	0	0	0	18	1	186
	(2) Bannockburn,	3796	4358	173	98	29	138	0	0	0	0	10	0	148
489	Slammanan,	2916	4164	219	99	57	179	0	1	0	0	21	8	209
490	STIRLING,	12171	12513	420	308	137	367	0	1	0	0	50	5	423
491	Strathblane,	1388	1235	40	25	7	34	0	0	0	0	3	0	37
	18. Dumbarton.													
492	Arrochar,	629	525	7	5	1	8	0	0	0	0	0	3	11
493	Bonhill,	9059	9593	327	179	75	278	0	0	0	0	32	1	311
494	Cardross,	4168	4405	165	96	30	130	1	0	0	0	12	1	144

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.								
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination or otherwise unaccounted for.	Total Births for 1872.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	DUMBARTON—*continued.*													
495	Cumbernauld, – – –	3513	3602	133	76	28	114	0	0	0	0	14	0	128
496	DUMBARTON, – – –	8268	11423	533	344	89	444	3	0	0	0	57	12	516
497	Kilmaronock, – – –	1085	978	21	20	3	15	0	0	0	0	3	1	19
498	KIRKINTILLOCH, – – –	8179	8257	360	172	74	300	3	0	0	0	35	10	348
499	Luss, – – – –	831	730	14	21	6	18	0	0	0	0	2	0	20
500	NEW or EAST KILPATRICK – –	4910	6038	253	109	40	217	2	0	0	0	19	4	242
501	Old or West Kilpatrick, – –	5577	5346	235	196	42	201	1	1	0	0	23	13	239
502	Roseneath, – – –	1626	1780	39	37	3	33	2	0	0	0	3	1	39
503	Row, – – – –	6334	8439	207	179	51	184	5	0	0	0	11	12	212
	19. ARGYLL.													
	Mainland.													
504	Ardchattan, – – –	1381	1172	29	18	6	14	0	0	0	0	3	0	17
505	Ardnamurchan—(1) Aharacle, –	1544	1414	45	17	7	27	0	0	0	0	5	2	34
	(2) Arisaig, – –	1343	1131	22	18	2	23	0	0	0	0	1	0	24
	(3) Sunart (or Strontian), –	759	760	14	11	2	15	0	0	0	0	2	3	20
	(4) Western Ardnamurchan,	1054	954	22	19	3	18	5	0	0	0	1	0	24
506	Ballachulish and Corran of Ardgour, –	919	849	19	14	5	15	0	0	0	0	0	0	15
507	CAMPBELTOWN, – –	8149	8580	274	205	77	231	0	0	0	0	24	7	262
508	Craignish, – – –	618	481	11	7	3	15	0	0	0	0	0	0	15
509	Cumlodden, – – –	1033	826	36	27	8	26	0	0	0	0	0	1	27
510	DUNOON and KILMUN, – –	5461	6871	184	148	40	162	1	0	0	0	11	7	181
511	Glassary, – – –	1769	1535	31	18	5	45	0	0	0	0	1	1	47
512	Glenorchy, – – –	869	752	21	9	2	22	0	0	0	0	1	3	26
513	INVERARAY, – – –	1650	1503	27	29	4	29	0	0	0	0	3	0	32
514	Inverchaolain, – – –	424	443	11	5	2	10	0	0	0	0	0	0	10
515	Kilbrandon and Kilchattan, – –	2053	2107	52	29	5	48	0	1	0	0	4	0	53
516	Kilcalmonell, etc.—(1) Kilcalmonell –	742	684	20	11	3	19	0	0	0	0	1	0	20
	(2) Kilberry –	583	485	12	7	0	16	0	0	0	0	1	0	17
517	Kilchrenan, etc.—(1) Kilchrenan, –	587	396	9	5	2	4	0	0	0	0	2	1	7
	(2) Dalavich, –	230	217	5	3	0	4	0	0	0	0	0	0	4
518	Kilfinan, – – – –	1891	2228	61	45	13	64	1	0	0	0	2	1	68
519	Killean and Kilchenzie, – –	1890	1614	42	31	8	42	0	0	0	0	3	0	45
520	Kilmalie, – – –	3353	3217	66	71	11	72	3	0	0	1	5	4	85
521	Kilmartin, – – –	949	869	34	14	3	16	0	0	0	0	0	0	16
522	Kilmodan, – – –	433	358	6	5	0	15	0	0	0	0	0	0	15

523	KILMORE AND KILBRIDE, –	2962	3402	92	80	16	57	13	1	0	0	9	5	85
524	Kilninver, etc.—(1) Kilninver, –	314	253	4	2	0	4	0	0	0	0	0	0	4
	(2) Kilmelford, –	486	506	20	6	2	8	0	1	0	0	0	0	9
525	Lismore, etc.—(1) Lismore, – –	1023	908	19	12	4	13	0	0	0	0	0	2	15
	(2) Appin, – –	825	728	14	16	7	17	0	0	0	0	0	0	17
	(3) Glencoe and Ballachulish	1324	1529	33	25	4	28	8	0	0	0	1	2	39
	(4) Duror, – –	423	370	5	4	0	8	1	0	0	0	0	0	9
526	Lochgilphead, – – –	3312	3680	91	93	15	96	0	0	0	0	12	3	111
527	Lochgoilhead, etc.—(1) Lochgoilhead, –	418	436	7	7	3	14	0	0	0	0	0	0	14
	(2) Kilmorich, –	284	330	5	5	0	11	1	0	0	0	0	0	12
528	Morvern, – – –	1226	973	23	16	4	17	1	1	0	0	0	0	19
529	Muckairn, – – –	965	790	12	17	5	13	0	0	0	0	3	4	20
530	North Knapdale, – – –	1327	1059	17	12	4	23	0	0	0	0	0	0	23
531	Saddell, etc.—(1) Saddell, – –	739	645	25	11	4	18	0	0	0	0	2	0	20
	(2) Skipness, – –	533	500	7	9	2	10	0	0	0	0	1	1	12
532	Southend, – – –	1214	1044	34	17	2	25	0	0	0	0	3	1	29
533	South Knapdale, – – –	654	548	8	4	2	8	0	0	0	0	0	0	8
534	Stralachlan, etc.—(1) Stralachlan, –	309	340	9	8	1	13	0	0	0	0	2	0	15
	(2) Strachur, –	563	527	13	16	4	11	0	0	0	0	0	1	12
535	Tarbert, – – – –	1661	1866	63	48	14	62	0	0	0	0	7	4	73
	Insular.													
536	Bowmore (or Killarrow), – –	2701	2088	52	52	5	46	0	0	0	0	6	0	52
537	Gigha, – – – –	467	390	9	7	0	11	0	0	0	0	0	0	11
538	Iona (merged in 542).													
539	Jura, etc.—(1) Jura, – –	858	775	16	10	2	6	0	0	0	0	0	1	7
	(2) Colonsay, – –	598	456	9	7	2	10	0	0	0	0	2	0	12
540	Kilchoman, – – –	2377	1882	41	32	8	36	0	0	0	0	4	0	40
541	Kildalton, – – –	2187	1916	40	45	7	48	0	0	0	0	0	0	48
542	Kilfinichen and Kilvickeon, – –	2535	2461	44	38	5	4	49	0	0	0	5	0	58
543	Kilmeny, – – –	1268	924	30	12	4	24	0	0	0	0	0	6	30
544	Kilninian and Kilmore, – –	1641	1189	20	25	5	21	0	0	0	0	2	0	23
545	Kinlochspelvie, – – –	428	388	7	13	0	9	0	0	0	0	1	0	10
546	Oa, – – – –	769	367	7	7	1	5	0	0	0	0	0	1	6
547	Portnahaven, – – –	1059	979	24	30	1	30	0	0	0	0	2	1	33
548	Salen, – – – –	604	605	11	5	0	8	0	0	0	0	1	0	9
549	Tobermory, – – –	1566	1344	17	36	1	25	0	0	0	0	1	1	27
550	Torosay, – – – –	557	454	7	7	2	8	0	0	0	0	1	0	9
551	Tyree, etc.—(1) Tyree, – –	3217	2837	67	50	12	62	0	2	0	0	3	1	68
	(2) Coll, – –	781	723	17	13	1	9	4	0	0	0	0	0	13
	20. BUTE.													
552	Cumbraes, – – –	1236	1613	51	34	13	43	0	0	0	0	4	0	47
553	Kilbride—(1) Brodick, – –	902	928	12	21	3	18	0	1	0	0	1	0	20
	(2) Kilbride, – –	1351	1276	19	17	5	25	0	0	0	0	1	0	26
554	Kilmory, – – – –	2515	2278	49	52	8	26	0	0	0	0	2	1	29
555	Kingarth, – – –	905	901	13	13	4	27	1	0	0	0	0	1	29
556	Lochranza, – – –	824	777	10	19	3	16	0	0	0	0	0	1	17
557	North Bute, – – –	1351	1393	31	21	11	34	1	0	0	0	2	0	37
558	ROTHESAY, – – –	7227	7800	199	203	46	170	5	0	0	0	27	21	223

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.								
									Insusceptible of Vaccine Disease.						
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	On the ground of Small-pox.	In respect of the children having already had Successful Vaccination.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
	VI. SOUTH-WESTERN DIVISION.														
	21. RENFREW.														
559	Abbey—(1) Part of PAISLEY, – –	15889	16348	645	525	176	557	2	0	0	0	0	67	6	632
	(2) LANDWARD, – –	5670	5679	228	125	50	201	0	0	0	0	1	8	4	214
	(3) JOHNSTONE, – –	8142	8590	329	247	87	316	2	0	0	0	1	32	13	364
560	CATHCART, – – –	3782	7231	308	127	62	263	0	0	0	0	0	17	3	283
561	Eaglesham, – – –	2328	1714	43	27	24	51	0	0	0	0	0	4	1	56
562	EASTWOOD, – – –	11314	13098	445	351	105	444	0	0	0	0	8	34	13	499
563	Erskine, – – – –	1457	1565	43	23	3	37	1	0	0	0	0	6	0	44
564	GREENOCK—(1) New, or Middle, –	9446	9592	355	343	41	327	1	0	0	0	9	64	18	419
	(2) East, – –	12135	17061	816	547	132	688	1	1	0	0	4	74	25	793
	(3) Old, or West, –	22313	33141	1506	1334	383	1308	0	3	1	0	2	158	44	1516
565	Houston and Killellan, – –	2490	2167	85	50	17	56	0	0	0	0	0	5	7	68
566	Inchinnan, – – –	619	584	14	5	3	19	0	0	0	0	0	0	1	20
567	Innerkip—(1) Innerkip, – –	1188	1393	39	20	4	39	0	0	0	0	0	5	0	44
	(2) GOUROCK, – –	2307	3109	73	69	16	87	0	0	0	0	0	8	3	98
568	KILBARCHAN, – – –	6348	6093	220	153	40	201	0	0	0	0	0	21	0	222
569	Kilmalcolm, – – –	1455	1716	58	43	14	42	6	0	0	0	0	4	0	52
570	Lochwinnoch, – – –	3821	3816	97	82	15	112	0	0	0	0	0	8	2	122
571	MEARNS, – – –	3547	3543	125	52	22	86	0	0	0	0	0	8	1	95
572	NEILSTON—(1) Neilston, – –	4577	4633	135	115	36	129	1	0	0	0	0	14	0	144
	(2) BARRHEAD, – –	6436	6503	221	145	44	197	0	0	0	0	0	21	3	221
573	PAISLEY, – – – –	31538	31910	1230	1064	344	1028	2	0	0	0	1	122	30	1183
574	PORT-GLASGOW, – –	7294	9912	491	269	118	411	0	1	0	0	4	44	12	472
575	RENFREW, – – –	4650	5908	281	121	41	219	0	0	0	0	0	22	4	245
	22. AYR.														
576	ARDROSSAN—(1) OLD ARDROSSAN, –	3530	3336	130	92	52	100	0	0	0	0	0	7	2	109
	(2) NEW ARDROSSAN, –	3246	3929	155	85	35	137	0	0	0	0	0	7	0	144
577	AUCHINLECK, – – –	4213	6174	286	111	42	256	0	0	0	0	0	24	3	283
578	AYR, – – – –	19659	19172	659	475	172	580	5	0	0	0	0	63	5	653
579	Ballantrae, – – –	1483	1277	46	26	5	33	0	0	0	0	0	3	0	36
580	Barr, – – – –	910	672	17	16	4	14	0	0	0	0	0	0	0	14
581	BEITH, – – – –	5775	6233	241	114	37	189	0	0	0	0	0	17	5	211
582	Colmonell, – – –	2588	2293	64	45	15	62	0	0	0	0	0	2	0	64
583	Coylton, – – – –	1604	1440	56	20	16	56	0	0	0	0	0	4	0	60
584	Craigie, – – – –	730	618	14	8	12	11	0	0	0	0	0	2	0	13
585	Dailly, – – – –	2050	1932	73	37	16	69	0	1	0	0	0	10	0	80

586	Dalmellington, – – –	4194	6165	354	115	47	258	0	0	0	0	25	1	284
587	DALRY, – – – –	11156	10885	418	222	96	392	0	0	0	0	12	7	411
588	Dalrymple, – – –	1325	1412	50	21	7	58	0	0	0	0	0	0	58
589	Dreghorn, – – –	3283	3241	154	81	34	143	0	0	0	0	11	1	155
590	DUNDONALD—(1) Dundonald, –	2095	1507	42	29	16	40	1	0	0	0	3	0	44
	(2) TROON, – –	2599	2870	84	75	15	79	0	1	0	0	12	0	92
591	Dunlop, – – – –	1038	1160	39	18	10	25	0	0	0	0	0	0	25
592	Fenwick, – – –	1532	1318	36	36	11	33	0	0	0	0	1	0	34
593	GALSTON, – – –	5254	6331	315	187	64	264	0	0	0	0	30	0	294
594	GIRVAN, – – – –	7053	5685	212	136	50	167	0	0	1	0	31	3	202
595	IRVINE, – – –	8607	8462	408	286	76	267	2	0	0	0	30	2	301
596	KILBIRNIE, – – –	5265	4953	205	103	45	184	0	0	0	0	14	3	201
597	KILMARNOCK, – – –	23556	24072	1007	719	254	890	0	0	0	0	91	11	992
598	Kilmaurs, – – –	3526	3449	149	89	37	129	1	0	0	0	10	0	140
599	KILWINNING, – – –	7717	7375	322	198	79	274	2	0	0	0	31	2	309
600	Kirkmichael, – – –	2823	2254	75	33	24	64	0	0	0	0	11	0	75
601	Kirkoswald, – – –	2060	1846	43	27	7	50	0	0	0	0	5	0	55
602	LARGS, – – – –	3620	4087	111	83	20	100	2	0	0	0	11	0	113
603	LOUDOUN, – – –	4840	5525	225	131	62	194	0	0	0	13	28	0	235
604	Mauchline, – – –	2303	2435	75	48	26	69	0	1	0	0	9	0	79
605	MAYBOLE, – – –	6713	5900	209	113	46	188	0	0	0	0	16	2	206
606	Monkton and Prestwick, – –	1937	1744	61	56	21	62	0	0	0	0	4	0	66
607	MUIRKIRK, – – –	3270	3253	149	69	32	105	0	0	0	0	7	2	114
608	New Cumnock, – – –	2891	3434	156	95	38	129	0	0	0	0	15	11	155
609	Ochiltree, – – –	1676	1656	31	26	9	41	0	0	0	0	2	0	43
610	OLD CUMNOCK, – – –	3721	4041	180	102	37	142	0	0	0	0	12	7	161
611	RICCARTON, – – –	5629	5845	299	152	65	234	0	0	0	0	17	3	254
612	St Quivox and Newton-upon-Ayr, –	1870	1363	56	30	12	38	0	0	0	0	2	0	40
613	SORN, – – – –	4042	4032	123	86	38	138	0	0	0	0	17	0	155
614	Stair, – – – –	743	734	27	13	3	14	0	0	0	0	3	0	17
615	STEVENSTON, – – –	5452	5019	256	147	44	185	0	0	0	0	17	1	203
616	STEWARTON, – – –	4449	4478	152	108	34	136	0	0	0	0	14	1	151
617	Straiton, – – – –	1544	1443	47	18	15	51	0	0	0	0	5	0	56
618	Symington, – – –	855	792	20	12	5	15	0	0	0	0	2	0	17
619	Tarbolton, – – –	2669	3219	168	81	26	133	0	0	0	0	8	0	141
620	West Kilbride, – – –	1988	1847	48	42	13	46	1	0	0	0	2	0	49
	23. LANARK.													
621	AVONDALE, – – –	6125	5460	176	96	64	166	0	0	0	0	21	0	187
622	Barony—(1) MARYHILL, – –	6734	10235	522	346	100	472	2	1	0	0	43	17	585
	(2) SPRINGBURN, –	8911	13994	643	629	86	546	0	0	1	3	66	26	642
	(3) SHETTLESTONE, –	6914	7517	270	166	84	270	0	0	0	0	23	2	295
623	Biggar, – – – –	1999	2013	60	44	17	52	0	0	0	0	4	0	56
624	Blantyre, – – –	3092	3472	144	96	29	105	0	0	0	0	11	8	124
625	BOTHWELL—(1) BOTHWELL, – –	7059	9193	430	261	108	367	0	1	0	0	36	4	408
	(2) HOLYTOWN, –	10844	10099	519	289	81	411	0	0	1	0	33	9	454
626*a*	Cadder—(1) Western, – –	3023	3261	140	69	17	119	0	0	0	0	7	0	126
	(2) Eastern, – –	2925	3203	141	60	16	107	0	0	0	0	8	3	118
626*b*	Calderhead, – – –	4034	4271	217	91	50	181	0	0	0	0	19	0	200
627	CAMBUSLANG, – – –	3647	3740	149	81	24	139	0	0	0	0	6	0	145

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.								
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination or otherwise unaccounted for.	Total Births for 1872.
									On the ground of Constitutional Insusceptibility.	On the ground of Small-pox.	In respect of the Children having already had Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	LANARK—*continued.*													
628	CAMBUSNETHAN,	13118	18709	1018	514	224	850	3	0	0	0	79	6	938
629	CARLUKE,	6176	7066	336	168	83	247	0	0	0	0	19	1	267
630	Carmichael,	836	708	20	8	6	18	0	0	0	0	2	0	20
631	Carmunnock,	734	702	22	10	5	18	1	0	0	0	0	0	19
632	Carnwath,	3584	5709	258	102	56	254	0	0	0	0	14	4	272
633	Carstairs,	1345	1718	56	28	14	54	0	0	0	0	4	0	58
634	Covington and Thankerton,	532	454	15	3	4	10	0	0	0	0	1	0	11
635	Crawford—(1) Crawford,	694	727	28	8	7	31	0	0	0	0	1	0	32
	(2) Leadhills,	896	1102	41	29	12	41	0	0	0	0	1	0	42
636	Crawfordjohn,	980	853	27	15	11	21	0	0	0	0	2	0	23
637	Culter,	665	593	16	7	2	16	0	0	0	0	0	0	16
638	DALSERF—(1) LARKHALL,	3629	5332	276	145	59	241	0	0	0	0	26	5	272
	(2) Dalserf,	1247	2009	103	46	23	89	0	0	0	0	4	2	95
639	DALZIEL,	5438	9175	560	338	69	426	1	0	0	0	54	12	493
640	Dolphington,	260	231	5	4	1	9	0	0	0	0	1	0	10
641	Douglas,	2490	2624	75	55	25	70	0	0	0	0	2	0	72
642	Dunsyre,	312	302	6	3	4	7	0	0	0	0	0	0	7
643	EAST KILBRIDE,	4064	3861	118	61	26	104	0	0	0	0	5	1	110
644	GLASGOW—(1) Central,	49678	57279	2436	2221	537	2101	1	1	0	16	300	93	2512
	(2) High,	48119	58466	2504	2414	746	2218	7	0	3	14	265	93	2600
	(3) Bridgeton,	45485	60628	2883	2086	626	2448	2	0	1	2	278	65	2796
	(4) Calton,	36625	38177	1391	1144	230	1326	0	1	1	4	160	57	1549
	(5) Clyde,	29975	26044	844	772	196	723	0	0	0	14	160	43	940
	(6) Blythswood,	28697	33443	876	645	496	870	3	1	0	2	73	19	968
	(7) Milton,	33360	46393	2128	1252	468	1829	1	2	1	11	191	78	2113
	(8) Anderston,	40945	52504	1982	1253	463	1931	0	2	0	1	184	36	2154
	(9) Tradeston,	38600	49176	1824	1155	692	1720	4	2	2	0	173	23	1924
	(10) Hutchesontown,	44019	55622	2622	1555	457	2287	1	0	0	0	263	43	2594
645	Glassford,	1938	1430	40	30	13	37	1	0	0	0	3	0	41
646	GOVAN—(1) GOVAN CHURCH,	11297	27116	1971	1190	342	1494	0	0	0	1	163	28	1686
	(2) PARK,	2428	5720	311	123	86	262	0	0	0	0	16	1	279
	(3) PARTICK,	14859	23918	1113	755	245	894	0	6	1	0	94	18	1013
647	HAMILTON,	14047	16803	746	461	165	602	4	0	1	0	64	29	700
648	LANARK,	7891	7841	212	201	53	191	0	0	0	0	26	18	235
649	Lesmahagow,	9266	8709	412	171	61	336	0	0	0	1	14	3	354
650	Libberton,	836	691	19	7	6	22	1	0	0	0	0	0	23
651	NEW MONKLAND—(1) AIRDRIE,	12922	13488	636	354	170	512	2	0	0	0	54	4	572
	(2) Landward,	7632	9264	515	267	94	413	1	0	0	0	37	7	458

652	OLD MONKLAND—(1) WESTERN,	–	6932	7873	362	170	54	338	0	0	0	0	29	1	368
	(2) COATBRIDGE,	–	15303	18410	904	436	208	763	1	1	0	1	68	14	848
	(3) EASTERN,	–	7308	7790	350	180	58	325	1	0	0	0	30	6	362
653	Pettinain,	– – –	407	366	6	5	2	13	0	0	0	0	1	0	14
654	RUTHERGLEN,	– – –	9335	10766	448	269	129	348	0	4	0	0	45	1	398
655	Shotts,	– – – –	4792	5699	286	140	35	237	0	1	0	1	30	10	279
656	STONEHOUSE,	– – –	3267	3177	144	59	26	114	3	0	0	0	7	0	124
657	Symington,	– – –	528	442	24	13	3	11	0	0	0	0	1	0	12
658	Walston,	– – –	480	425	9	4	1	14	0	0	0	0	0	0	14
659	Wandell and Lamington,	– –	380	332	7	3	0	8	0	0	0	0	0	0	8
660	Wiston and Roberton,	– –	786	680	15	15	6	18	0	0	0	0	0	0	18
	VII. SOUTH-EASTERN DIVISION.														
	24. LINLITHGOW.														
661	Abercorn,	– – –	965	933	24	12	4	26	0	0	0	0	2	0	28
662	BATHGATE—(1) BATHGATE,	– –	6572	6942	306	167	62	254	2	0	0	0	30	13	299
	(2.) ARMADALE,	–	3562	3187	168	71	33	112	0	0	0	0	16	0	128
663	BORROWSTOUNNESS,	– –	5698	4986	221	155	43	191	0	0	0	0	21	1	213
664	CARRIDEN,	– – –	1821	1799	76	47	21	63	0	0	0	0	7	1	71
665	Dalmeny,	– – –	804	916	32	16	5	38	0	0	0	0	3	0	41
666	Ecclesmachen,	– – –	309	329	9	3	0	8	0	0	0	0	0	0	8
667	Kirkliston,	– – –	1907	2172	74	37	11	81	1	0	0	0	8	6	96
668	LINLITHGOW,	– – –	5784	5554	175	134	36	164	0	0	0	0	17	1	182
669	Livingstone,	– – –	1366	1727	48	28	13	77	1	0	0	0	9	0	87
670	QUEENSFERRY,	– –	1391	1521	68	30	11	64	1	0	0	0	6	2	73
671	Torphichen,	– – –	1848	1630	56	28	9	55	0	0	0	0	2	0	57
672	Uphall,	– – – –	1507	2772	135	60	12	103	0	0	0	0	9	1	113
673	WHITBURN,	– – –	5511	6911	326	137	76	267	0	0	0	0	25	2	294
	25. EDINBURGH.														
674	Borthwick,	– – –	1569	1494	42	22	11	37	0	2	0	0	5	1	45
675	Carrington,	– – –	681	712	19	8	9	16	0	2	0	0	1	0	19
676	Cockpen,	– – –	2113	2481	92	29	21	101	1	0	0	0	6	1	109
677	Colinton,	– – –	2656	3644	144	180	25	115	0	0	0	0	11	11	137
678	Corstorphine,	– – –	1579	1788	38	32	11	44	0	0	0	0	1	1	46
679	Cramond,	– – –	2695	3020	100	48	13	66	0	0	0	0	9	0	75
680	Cranston,	– – –	1035	1036	36	13	10	23	0	1	0	0	0	0	24
681	Crichton,	– – –	1304	1223	45	27	7	30	0	0	0	0	3	0	33
682	Currie,	– – – –	2248	2360	75	35	15	68	1	0	0	0	5	2	76
683	DALKEITH,	– – –	7114	7667	245	175	76	197	1	1	0	0	33	2	234
684	DUDDINGSTON—														
	(1) PORTOBELLO,	–	4366	5481	197	147	42	129	0	0	1	0	21	3	154
	(2) Landward	–	857	970	36	10	4	21	0	0	0	0	3	0	24
685	EDINBURGH—(1) St George,	–	42068	55049	1929	1154	420	1596	9	4	3	0	163	28	1803
	(2) St Andrew,	–	38731	39781	1104	694	374	938	4	4	4	0	89	35	1074
	(3) Canongate,	–	30169	33183	1218	1173	295	1031	4	7	2	0	141	21	1206
	(4) St Giles,	–	29679	31960	1155	738	321	954	0	6	5	1	141	82	1189
	(5) Newington,	–	29797	41079	1377	819	548	1223	22	5	0	0	108	19	1377
686	Fala and Soutra,	– – –	382	364	10	7	2	14	0	0	0	0	0	0	14
687	Glencross,	– – –	1217	1153	31	6	7	20	0	1	0	0	2	0	23

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
	EDINBURGH—*continued.*													
688	Heriot,	407	414	18	7	1	23	1	0	0	0	0	0	24
689	INVERESK,	9518	10068	309	217	72	307	2	1	1	0	38	13	362
690	Kirknewton and East-Calder,	1549	2213	91	52	11	73	0	0	0	0	10	1	84
691	LASSWADE,	5688	7098	264	117	48	228	0	0	0	0	20	10	258
692	LEITH—(1) North Leith,	11562	16582	620	338	174	559	0	3	0	0	66	18	646
	(2) South Leith,	24467	29852	1265	746	311	1005	9	3	0	0	123	32	1172
693	Liberton,	3510	3791	116	77	21	94	0	0	0	0	10	3	107
694	Mid-Calder,	1389	3634	55	19	14	58	0	0	0	0	5	0	63
695	Newbattle,	2138	2424	91	40	19	77	0	2	0	0	10	0	89
696	Newton,	1553	1181	41	14	1	31	0	0	0	0	8	0	39
697	PENICUIK,	3249	3765	95	67	26	112	1	0	0	0	13	1	127
698*a*	Ratho,	1659	1744	54	32	11	48	0	0	2	0	4	0	54
698*b*	Stobhill,	2364	2447	93	45	17	90	1	1	0	0	5	2	99
699	Stow,	1870	1957	63	24	13	50	0	0	0	0	3	0	53
700	Temple,	682	658	22	5	6	21	0	0	0	0	1	0	22
701	WEST-CALDER,	1927	7865	414	190	36	340	0	0	0	0	39	38	417
	26. HADDINGTON.													
702	Aberlady,	1019	1022	22	19	11	33	0	0	0	0	0	1	34
703	Athelstaneford,	902	844	23	17	2	23	0	0	0	0	2	0	25
704	Bolton,	332	364	8	11	1	10	0	0	0	0	1	0	11
705	Dirleton,	1540	1419	27	16	7	32	0	0	0	0	1	0	33
706	DUNBAR,	4944	4982	157	130	39	139	5	0	0	0	16	4	164
707	Garvald,	891	832	23	14	4	23	0	0	0	0	0	0	23
708	Gladsmuir,	1945	1863	60	27	15	45	0	0	0	0	1	1	47
709	HADDINGTON,	5548	5735	178	194	43	144	2	0	0	0	15	0	161
710	Humbie,	997	967	30	13	7	25	0	0	0	0	3	0	28
711	Innerwick,	937	892	24	11	2	23	0	0	0	0	1	1	25
712	Morham,	281	204	6	1	3	4	0	0	0	0	0	0	4
713	NORTH BERWICK,	2071	2373	82	42	11	73	1	0	0	0	0	1	75
714	Oldhamstocks,	615	592	9	8	2	13	0	0	0	0	2	0	15
715	Ormiston,	915	911	35	13	8	28	0	0	0	0	1	0	29
716	Pencaitland,	1187	1320	48	8	4	40	2	0	0	0	1	1	44
717	Prestonkirk,	1960	1931	50	38	9	48	2	0	0	0	7	2	59
718	Prestonpans,	2080	2069	85	44	18	52	0	0	0	0	2	1	55
719	Salton,	712	647	18	3	4	10	0	0	0	0	1	0	11
720	Spott,	555	560	19	5	1	13	0	0	0	1	0	2	16

721	Stenton, – – – –	692	612	10	5	4	14	0	0	0	0	0	0	14
722	TRANENT, – – –	4647	4852	200	116	38	152	4	0	0	0	19	2	177
723	Whitekirk and Tynninghame, –	1113	1073	16	18	9	27	0	0	0	0	0	0	27
724	Whittinghame, – – –	710	657	15	7	6	19	0	0	0	0	0	0	19
725	Yester, – – – –	1033	1034	18	19	6	25	0	0	0	0	3	0	28
	27. BERWICK.													
726	Abbey St Bathans, – – –	179	195	5	3	1	4	0	0	0	0	0	0	4
727	AYTON, – – – –	2014	1983	56	33	13	52	0	1	0	0	2	0	55
728	Bunkle and Preston, – –	756	764	22	6	2	17	0	0	0	0	1	0	18
729	Channelkirk, – – –	671	705	20	9	7	28	0	0	0	0	0	0	28
730	Chirnside, – – –	1502	1413	31	27	7	44	0	0	0	0	3	0	47
731	Cockburnspath, – – –	1194	1133	34	18	7	27	0	0	0	0	4	1	32
732	Coldingham, – – –	3241	3093	85	41	18	96	1	0	0	0	1	0	98
733	Coldstream, – – –	2823	2619	78	49	8	63	0	0	0	0	5	2	70
734	Cranshaws, – – –	134	142	2	4	0	2	0	0	0	0	1	0	3
735	DUNSE, – – – –	3595	3602	97	83	26	84	0	0	0	0	6	1	91
736	Earlston, – – – –	1825	1977	58	31	11	51	1	0	0	0	3	1	56
737	Eccles, – – – –	1861	1780	38	28	4	42	0	0	0	0	1	0	43
738	Edrom, – – – –	1592	1513	41	31	6	33	0	0	0	0	3	0	36
739	EYEMOUTH, – – –	1804	2372	96	53	10	92	0	0	0	0	12	0	104
740	Fogo, – – – –	559	502	17	10	3	9	0	0	0	0	0	0	9
741	Foulden, – – – –	431	425	9	7	3	9	0	0	0	0	0	0	9
742	Gordon, – – – –	931	876	20	14	4	36	0	0	0	0	0	0	36
743	Greenlaw, – – –	1370	1381	41	27	4	33	0	0	0	0	4	0	37
744	Hume, – – – –	420	460	11	3	4	10	0	0	0	0	0	0	10
745	Hutton, – – – –	1067	1077	22	15	5	25	0	0	0	0	2	0	27
746	Ladykirk, – – –	564	518	12	6	4	10	0	0	0	0	1	0	11
747	Langton, – – – –	502	548	12	5	5	15	0	0	0	0	0	0	15
748	LAUDER, – – –	2198	2120	69	42	14	54	0	1	0	0	8	2	65
749	Legerwood, – – –	599	525	22	5	2	14	0	0	0	0	2	0	16
750	Longformacus, – – –	448	452	11	4	2	9	0	0	0	0	1	0	10
751	Merton, – – – –	729	734	19	5	2	21	1	0	0	0	2	0	24
752	Mordington, – – –	377	402	7	4	2	10	0	0	0	0	0	0	10
753	Nenthorn, – – –	461	434	13	6	6	13	0	0	0	0	0	0	13
754	Polwarth, – – –	251	249	8	4	0	4	0	0	0	0	0	0	4
755	Swinton, – – – –	964	996	27	22	9	23	0	0	0	0	2	0	25
756	Westruther, – – –	786	784	17	11	2	20	0	0	0	0	0	0	20
757	Whitsome, – – –	640	608	10	10	3	16	0	0	0	0	1	0	17
	28. PEEBLES.													
758	Broughton (merged in 763),													
759	Drumelzier, – – –	209	221	8	4	2	7	0	0	0	0	0	0	7
760	Eddlestone, – – –	753	700	19	4	1	27	0	0	0	0	2	0	29
761	Glenholm (merged in 763), – –													
762	Innerleithen, – – –	1787	2776	84	42	20	94	1	1	0	0	8	2	106
763	Kilbucho, Broughton, and Glenholm, –	723	729	27	6	3	25	0	0	0	0	1	0	26
764	Kirkurd, – – – –	362	294	9	9	4	8	0	0	0	0	1	0	9
765	Lyne, etc.—(1) Lyne, – –	81	104	4	0	0	3	0	0	0	0	1	0	4
	(2) Megget, – –	53	70	1	0	0	2	0	0	0	0	0	0	2

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.								
									Insusceptible of Vaccine Disease.						
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	Constitutional Insusceptibility. On the ground of	On the ground Small-pox. In respect of the Children having already had	Successful Vaccination. On the ground of previous	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
	PEEBLES—*continued.*													
766	Manor,	247	271	11	1	1	11	0	0	0	0	4	0	15
767	Newlands,	987	851	26	13	3	27	0	0	0	0	3	0	30
768	PEEBLES,	2850	3172	84	58	17	88	2	0	0	0	3	2	95
769	Skirling,	317	325	6	3	0	6	0	0	0	0	1	0	7
770	Stobo,	478	459	18	6	2	17	0	0	0	0	3	1	21
771	Traquair,	687	669	24	9	5	14	0	0	0	0	2	0	16
772	Tweedsmuir,	196	190	2	5	1	6	0	0	0	0	0	0	6
773	West Linton,	1534	1387	38	29	7	39	0	0	0	0	1	1	41
	29. SELKIRK.													
774*a*	Caddonfoot,	610	699	27	12	1	15	0	0	0	0	0	1	16
774*b*	Ettrick,	454	434	12	6	2	9	1	0	0	0	0	0	10
775	GALASHIELS,	3268	5921	263	133	59	187	1	0	0	0	31	0	219
776*a*	Kirkhope,	555	565	9	7	3	17	0	0	0	0	0	0	17
776*b*	LADHOPE,	4154	5317	252	141	63	205	3	0	0	0	25	5	238
777	Roberton,	640	593	21	7	1	19	0	0	0	0	1	0	20
778	SELKIRK,	4646	5555	208	111	46	171	4	0	0	0	26	1	202
779	Yarrow,	574	567	19	7	3	15	0	0	0	0	0	0	15
	VIII. SOUTHERN DIVISION.													
	30. ROXBURGH.													
780	Ancrum,	1511	1391	25	27	9	44	0	0	0	0	4	0	48
781	Ashkirk,	578	550	16	3	3	18	0	0	0	0	1	0	19
782	Bedrule,	222	292	11	5	0	6	0	0	0	0	0	0	6
783	Bowden,	864	842	25	6	7	22	0	0	0	0	2	0	24
784	Castleton,	3688	2202	85	67	12	63	3	0	0	0	6	0	72
785	Cavers,	1824	1443	63	26	9	44	1	0	0	0	5	0	50
786	Crailing,	673	657	24	11	2	18	0	0	0	0	1	0	19
787*a*	Eckford,	957	931	22	5	3	30	0	0	0	0	1	0	31
787*b*	Edgerston,	359	365	19	4	3	14	0	0	0	0	1	0	15
788	Ednam,	599	613	15	5	3	19	0	0	0	0	0	0	19
789	HAWICK,	8726	8733	327	271	70	314	3	1	0	0	41	2	361
790	Hobkirk,	771	718	22	7	7	15	0	0	0	0	0	0	15
791	Hownam,	289	238	6	4	5	6	0	0	0	0	1	0	7
792	JEDBURGH,	5011	4971	129	77	36	143	0	1	0	0	6	1	151
793	KELSO,	5192	5124	174	119	23	140	0	0	0	0	8	1	149

794	Kirktown,	421	320	11	6	1	8	0	0	0	0	3	0	11
795	Lilliesleaf,	772	788	22	7	7	19	0	0	0	0	1	0	20
796	Linton,	608	570	12	3	5	13	0	0	0	0	1	0	14
797	Makerston,	380	361	14	5	1	12	0	0	0	0	1	0	13
798	Maxton,	497	481	11	6	0	9	0	0	0	0	0	0	9
799	Melrose,	3500	4115	111	83	26	109	3	0	0	0	15	2	129
800	Minto,	430	5317	11	6	5	10	0	0	0	0	0	0	10
801	Morebattle,	1031	986	27	17	11	28	0	0	0	0	3	0	31
802	Oxnam,	592	652	18	6	6	23	0	0	0	0	1	0	24
803	Roxburgh,	1178	1053	32	20	8	26	0	0	0	0	0	0	26
804	St Boswells,	922	973	25	9	6	23	1	0	0	0	2	0	26
805	Smailholm,	554	534	15	1	4	12	0	1	0	0	3	0	16
806	Southdean,	687	674	16	10	5	17	0	0	0	0	2	0	19
807	Sprouston,	1305	1294	26	14	7	23	0	0	0	0	1	2	26
808	Stitchel,	425	388	10	3	1	7	0	0	0	0	1	0	8
809	Teviothead,	438	515	18	7	8	19	0	0	0	0	0	0	19
810	WILTON,	3357	3936	181	82	40	126	2	0	0	0	14	1	143
811	Yetholm,	1207	1100	35	18	9	28	0	0	0	0	6	0	34
	31. DUMFRIES.													
812	ANNAN,	5113	4631	136	119	25	150	2	0	0	5	13	4	174
813*a*	Applegarth,	935	902	27	13	3	28	0	0	0	0	2	0	30
813*b*	BRYDEKIRK,	779	731	15	14	2	15	0	0	0	0	0	0	15
814	Canonbie,	3219	3055	99	44	20	86	11	0	0	0	6	0	103
815	Carlaverock,	1248	1151	33	27	6	19	0	0	0	0	1	0	20
816	Closeburn,	1651	1612	38	27	8	52	0	0	0	0	4	0	56
817	Cummertrees,	1184	1072	23	18	8	35	0	0	0	0	2	0	37
818	Dalton,	679	577	16	8	5	17	0	0	0	0	0	0	17
819	Dornock,	856	826	18	16	6	18	0	0	0	0	2	4	24
820	Dryfesdale,	2509	2825	96	51	18	86	0	0	0	0	7	1	94
821	DUMFRIES,	13523	14841	476	400	160	375	2	0	0	14	44	25	460
822	Dunscore,	1554	1504	36	23	14	44	0	0	0	0	4	1	49
823	Durrisdeer,	1320	1189	32	23	15	30	0	0	0	0	1	0	31
824	Eskdalemuir,	590	551	16	9	3	14	0	0	0	0	1	0	15
825	Ewes,	356	338	12	6	3	11	0	0	0	0	0	0	11
826	Glencairn,	1867	1749	48	36	11	41	0	0	0	0	1	1	43
827	Graitney (or Gretna),	1620	1395	33	23	4	38	0	0	0	0	3	0	41
828	Halfmorton,	713	611	18	17	3	16	0	0	0	0	0	0	16
829	Hoddam,	1568	1520	39	25	7	49	0	1	0	0	6	0	56
830	Holywood,	1115	1069	34	22	5	25	0	0	0	0	1	0	26
831	Hutton,	876	842	28	13	3	25	0	0	0	0	1	0	26
832	Johnstone,	1149	1089	34	15	8	24	0	0	0	0	1	0	25
833	Keir,	849	828	22	5	4	24	0	0	0	0	0	0	24
834	Kirkconnel,	996	952	36	26	5	28	0	1	0	0	1	0	30
835	Kirkmahoe,	1462	1332	38	31	7	31	0	0	0	0	1	1	33
836	Kirkmichael,	1026	903	35	11	2	31	0	0	0	0	1	0	32
837	Kirkpatrick-Fleming—													
	(1) Northern District,	493	393	11	7	1	5	0	0	0	0	0	0	5
	(2) Southern District,	1432	1136	37	35	8	25	2	0	0	0	3	1	31

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1873.			VACCINATIONS, 1872.								
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1872.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	DUMFRIES—*continued.*													
838	Kirkpatrick-Juxta,	1025	1091	26	16	8	40	0	0	0	0	0	0	40
839	LANGHOLM,	2979	3735	128	84	17	127	6	0	0	0	25	3	161
840	LOCHMABEN,	3087	3085	94	82	17	82	1	0	0	0	10	1	94
841	Middlebie,	2004	2000	54	41	13	49	0	1	0	0	5	1	56
842	Moffat,	2232	2543	62	43	17	60	4	0	0	0	8	0	72
843	Morton,	2253	2099	61	50	13	64	0	0	0	0	3	2	69
844	Mousewald,	633	647	16	4	8	14	0	0	0	0	0	0	14
845	Penpont,	1326	1323	40	15	5	40	1	0	0	0	1	0	42
846	Ruthwell,	1046	974	23	18	9	28	0	0	0	0	2	0	30
847	St Mungo,	686	658	18	10	3	12	0	0	0	0	1	0	13
848	SANQUHAR,	2758	2201	44	44	11	56	1	0	0	0	5	0	62
849	Tinwald,	1079	993	31	10	6	27	0	0	0	0	4	0	31
850	Torthorwald,	1254	1098	22	15	7	30	0	0	0	0	2	0	32
851	Tundergarth,	507	510	17	8	1	12	0	0	0	0	2	0	14
852	Tynron,	446	381	13	5	3	8	0	0	0	0	1	0	10
853*a*	Wamphray,	559	505	18	6	3	9	0	0	0	0	1	0	10
853*b*	Wanlockhead,	811	837	27	24	7	30	0	0	0	0	3	0	33
854	Westerkirk,	537	540	8	5	4	11	0	0	0	0	0	0	11
	32. KIRKCUDBRIGHT.													
855	Anwoth,	899	827	16	21	3	13	0	0	0	0	0	0	13
856	Balmaclellan,	890	861	25	15	7	30	0	0	0	0	2	0	32
857*a*	Balmaghie,	1225	1085	28	8	7	30	1	2	0	0	1	0	34
857*b*	Bargrennan,	471	428	11	9	3	7	0	0	0	0	0	0	7
858	Borgue,	1162	1087	43	15	10	20	0	0	0	0	0	1	21
859	Buittle,	1165	1026	28	12	5	22	0	0	0	0	1	0	23
860	Carsphairn,	553	545	19	5	4	15	0	0	0	0	0	0	15
861	Colvend,	1366	1318	30	15	10	45	0	0	0	0	5	0	50
862	Corsock-Bridge,	544	563	14	8	3	20	0	0	0	0	1	0	21
863	CROSSMICHAEL,	1536	1492	43	29	8	39	1	1	0	0	5	1	47
864	DALBEATTIE,	2054	3163	113	65	29	105	2	0	0	0	6	0	113
865	Dalry,	1149	1074	25	12	6	17	0	2	0	0	0	0	19
866	Girthon,	1702	1586	48	24	17	34	0	1	0	0	2	1	38
867	Irongray,	913	815	26	9	2	26	0	0	0	0	3	0	29
868	KELLS,	1170	1007	19	14	7	32	0	0	0	0	1	0	33
869	KELTON,	3436	3222	105	96	28	83	2	0	0	0	5	2	92
870	Kirkbean,	942	825	23	15	4	15	0	0	0	0	2	1	18

871	KIRKCUDBRIGHT, – –	3407	3346	93	73	21	82	3	0	0	0	6	0	91
872	Kirkgunzeon, – –	793	661	20	3	0	15	0	0	0	0	3	0	18
873	Kirkmabreck, – –	1851	1568	43	30	10	44	2	0	0	0	7	4	57
874	Kirkpatrick-Durham, –	1323	1218	30	23	9	27	0	0	0	0	5	0	32
875	Lochrutton, – –	677	656	28	5	6	16	0	1	0	0	2	0	19
876	MINNIGAFF, – –	1518	1329	37	28	10	30	1	0	0	0	6	2	39
877	New Abbey, – –	1063	931	24	19	6	33	0	0	0	0	1	0	34
878	Parton, – – –	572	526	12	3	1	13	0	0	0	0	0	0	13
879	Rerrick, – – –	1738	1911	52	31	14	54	0	0	0	0	3	0	57
880	TERREGLES, – –	580	547	21	8	2	3	1	0	0	0	0	0	4
881	Tongland, – –	892	902	25	12	4	19	1	0	0	0	2	0	22
882	TROQUEER, – –	4743	5408	159	100	24	147	2	0	0	0	15	1	165
883	Twynholm, – –	815	717	24	11	4	17	0	0	0	0	1	0	18
884	Urr, – – –	1531	1443	39	27	9	45	0	1	0	0	3	1	50
	33. WIGTOWN.													
885	Glasserton, – –	1472	1196	34	22	7	40	2	0	0	0	3	0	45
886	Inch, – – –	2460	2189	58	40	19	53	0	0	0	0	4	0	57
887	Kirkcolm, – –	1860	1948	55	29	9	50	1	0	0	0	2	0	53
888	Kirkcowan, – –	1434	1352	36	32	7	38	0	0	0	0	3	1	42
889	Kirkinner, – –	1716	1548	52	24	9	36	0	0	0	0	1	1	38
890	Kirkmaiden, – –	2333	2507	82	35	16	72	0	0	0	0	4	1	77
891	Leswalt, – – –	1417	1249	48	11	10	32	1	0	0	0	2	1	36
892	Mochrum, – –	2694	2450	80	44	12	62	0	0	0	0	0	1	63
893	New Luce, – –	731	661	24	9	9	23	0	0	0	0	0	0	23
894	Old Luce (or Glenluce), –	2800	2449	79	45	20	85	0	0	0	0	5	0	90
895	PENNINGHAME, – –	3876	3712	108	98	24	88	0	0	0	0	14	1	103
896	Portpatrick, – –	2189	1492	39	30	6	43	0	0	0	1	2	0	46
897	Sorbie, – – –	1814	1667	46	27	9	35	0	0	0	0	6	0	41
898	Stoneykirk, – –	3228	2993	78	41	19	94	0	0	0	0	3	2	99
899	STRANRAER, – –	6315	5977	164	118	42	185	1	0	0	0	10	1	197
900	WHITHORN, – –	2934	2906	87	57	16	70	0	0	0	0	3	0	73
901	WIGTOWN, – –	2637	2306	50	42	6	67	1	0	0	0	5	0	73

APPENDIX.

EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

I. NORTHERN DIVISION.

1. Shetland.

6. Mid and South Yell.—By the changes, and want, of vaccinators, a few of the children born in each year since 1864 remain unvaccinated. These are all reported half-yearly to the inspector.

12. (3.) Papa-Stour.—The Registrar believes that the children have all been vaccinated, but in four cases the parents neglected to bring their children to the vaccinator when he came to the district to examine them and give certificates.

2. Orkney.

20. Hoy and Græmsay.—Dr. Garson has been incapable of visiting the district for the last six months, from ill health.

30. Stromness.—All the requirements of the Act are being attended to.

II. NORTH-WESTERN DIVISION.

5. Ross and Cromarty.

Mainland.

66. (1.) Northern District of Gairloch.—Of the 12 entered under col. 7, 11 were vaccinated in the beginning of December, but the vaccinator living at a distance, and the weather being stormy, prevented the parents from obtaining certificates.

66. (2.) Southern District of Gairloch.—There is still a loud cry against travelling long distances to meet the vaccinator. Children, in many cases, suffer from exposure to inclement weather when carried across hills and rough roads in winter, and poor people feel it a hardship to pay the vaccination fee of 2s. 6d. after travelling 15 or 20 miles. Prosecutions against two defaulters had to be resorted to, and it is hoped this may serve as a warning to others who may be indifferent to the requirements of the Act.

75. (1.) Lochbroom.—Great efforts are made, both by the doctor and by the Parochial Board, to comply with the terms of the Act; but there will always be great difficulties to surmount in such a wide, rugged, and sparsely-peopled parish as this, even should the poor people be more able and willing to pay a compulsory fee.

83. Tarbat.—Act still works well. The only complaint is the fee, and the distance at which the medical officer resides.

6. Inverness.

Mainland.

97. (1.) Glenelg.—Nothing special has occurred, except that some of the children have been in an unfit state for vaccination, which rendered postponement necessary.

99. (1.) Glengarry.—Act works very well, considering the distance and expense which many of the parents have to contend with in getting their children vaccinated, and then obtaining certificates within the specified time. From Glenquoich to the doctor's house in Fort-Augustus is a distance of 20 or more miles, and this distance has to be gone over four times, going and returning before the duty is done. This sometimes occurs in the depth of winter. When the parents cannot go to the doctor, he has to go to them, and charges mileage, besides the fee. However, an arrangement has been made for the doctor to go to Glenquoich, or rather Tomdoun, every four months.

Insular.

118. (1.) Benbecula.—Column 7 exhibits an unusually large number of defaulters. The children, however, are all vaccinated except two or three, whose cases have only fallen due this month. The delay in transmitting the certificates is almost always accounted for by the general poverty of the people, who never oppose the Vaccination Act.

119. Strath.—The six mentioned in col. 7 of the Return have failed either to get their children vaccinated or to bring them forward for inspection at the time and place appointed by the medical officer. A list of these defaulters was accordingly handed to the Inspector of Poor, who has been authorized by the Board to report the cases to the Procurator-Fiscal. They have no plea for defence, as I gave them timely notice of the day and place appointed by the doctor.

III. NORTH-EASTERN DIVISION.

8. Elgin (or Moray).

131. Duffus.—On account of there being no resident medical practitioner in the parish at present, vaccination has not been so well attended to as in former years. Many require the statutory notice.

134. Edinkillie.—Vaccination has, upon the whole, been well attended to. Very lately, a new vaccinator was appointed, who is required to attend four times a year within the parish for the purpose of vaccinating.

9. Banff.

148. Botriphnie.—The Act is working exceedingly well. I have little trouble, but too little pay.

153. (1.) Fordyce.—All parties seem willing to comply with the requirements of the Act, though some are slow in sending in their certificates, particularly in cases of postponement.

167. Seafield.—The system of postponement of vaccination operates very severely in the case of poor families, owing to the high fees which doctors charge. I know one case where a charge of 12s. 6d. was made for three certificates of successive postponements for one child. It happens very frequently that infants above five or six months of age get into a bad state of health, and this necessitates the postponement of vaccination. In any case, the fee should not exceed 1s.

10. Aberdeen.

169. Aberdour.—The entry in col. 5 refers to a child which was duly vaccinated by a doctor n a neighbouring parish, but who died suddenly before granting the certificate. The child was therefore vaccinated again by another doctor, but, proving unsuccessful, he sent in a certificate of insusceptibility on the ground of previous successful vaccination.

203. Insch.—One of the deaths which occurred before vaccination was from Small-pox. The mother had Fever at the time of the child's birth.

228. Old Deer.—One of the cases of removal from the district was the child of a vagrant. It is possible that the child may have died before vaccination, as I never before met with an instance of neglect on the part of a vagrant.

233. Pitsligo.—The medical officer of the district died, and left one or two children vaccinated without having filled up their certificates. His successor, after having tried to vaccinate them, gave certificates of insusceptibility on the ground of previous successful vaccination.

IV. EAST MIDLAND DIVISION.

12. Forfar.

282. (4.) St. Andrew (Dundee).—The requirements of the Act are carried out pretty successfully in this district, but not without great trouble and attention on the part of the Registrar. The parents frequently neglect vaccination till the six months are expired, and then a great amount of labour in sending the usual notices is entailed on the Registrar. During the past year, above 600 notices had to be sent to parents in the district, but, owing to the ten days of grace allowed, most of these parents take care to escape the penalty, by getting either Schedule A or B returned within (perhaps a few hours of) the expiry of the ten days. As a notice has thus to be sent for one in every 2½ Births registered, the Registrar is strongly of opinion that, if the charge of 1s. were made payable for every Registrar's notice, the Act would be much better attended to, and time and trouble saved to all parties. There is much need of some check being imposed upon the facilities for postponement. For instance, in this district alone, upwards of 200 entries of postponement have been made during the year, and most of the certificates for such were given by one medical man, whose vaccination practice is by no means equal to others whose postponed cases are comparatively few. The Registrar is still of opinion that the time should be much limited within which a child should be vaccinated—say three or four months.

290. Glenisla.—The inhabited part of this parish being 20 miles in length, and many of the roads being only mountain paths, it is often nearly impossible (particularly amid the long continued snow that lies on the Grampians during winter) for the vaccinator to comply with the statutory provisions within the time allowed.

13. Perth.

378. Madderty.—The mother of the child entered under col. 7 was a hawker, or tinker, who kept out of my way.

380. Methven.—The Irish give a great amount of trouble in their desire to avoid paying the vaccinator's fee.

14. Fife.

411. Burntisland.—Act continues to operate satisfactorily, there being only one delinquent during the year. Since the visitation of Small-pox, the medical officers recommend three or four months, in place of six, as the limit for vaccination.

442. Kirkcaldy.—Act continues to work well, but there is still great difficulty in getting the required certificates within the proper time.

V. WEST MIDLAND DIVISION.

17. Stirling.

479. (1.) Falkirk.—Considering the trouble, the 3d. rate should most decidedly be made 6d. The other fees of Registrars, made in 1855, are much below the market labour rate.

18. Dumbarton.

501. Old or West Kilpatrick.—On account of public works, the population is now more migratory, and the result is a greater proportion of cases unaccounted for.

19. Argyll.

Mainland.

523. Kilmore and Kilbride.—A mild type of Measles has prevailed in the burghal part of the district, and has interfered with the successful operation of vaccination for the last two years.

528. Morven.—This parish is in difficulties in regard to vaccination, owing to the want of a medical practitioner, no one having been appointed since the death of the late medical officer, which happened on the 7th of July last; and the parish is too rugged for travelling with infants either by sea or land, more especially at this season of the year.

529. Muckairn.—In two of the four cases entered in col. 7, the children have been vaccinated, but the medical man, not having been paid, or for some other cause, has withheld the certificates.

531. (2.) Skipness.—Act working well. There has not been a single case of Small-pox in the parish since 1855.

535. Tarbert.—In the beginning of November, Small-pox broke out in the village, which caused many adults to get themselves re-vaccinated, and those hitherto unvaccinated hastened to get the operation performed.

20. Bute.

554. Kilmory.—Parents grudge the fees charged for vaccination, and on that account a

great amount of trouble is caused to the Registrar. Were the vaccination fee 2s. or 3s., parents would attend more punctually to their duties. The child returned under col. 7 was successfully vaccinated, but having been removed from parish before the doctor's visit, a certificate was not granted.

555. KINGARTH. — Many persons, adult and juvenile, are availing themselves of the opportunity presented by the Parochial Board of getting themselves re-vaccinated.

VI. SOUTH-WESTERN DIVISION.

21. RENFREW.

560. CATHCART.—The register of vaccinations is nearly perfect, but it has been at very considerable trouble to the Registrar. He has had to write repeatedly, and to call at the houses of the defaulters.

22. AYR.

597. KILMARNOCK.—Except in a few cases, vaccination has been well attended to. Nine unaccounted for—being 1 per cent. of the whole—is about the same proportion as in previous years. There are always a number of parties who require to be reminded of their duty, otherwise we would have more delinquents.

616. STEWARTON.—Many still put off till served with the statutory notices, and frequently require repeated intimation. The Registrar has still to complain of the disproportion between the trouble connected with vaccination and the fee of 3d., contingent, too, upon the vaccinator's success.

23. LANARK.

623. BIGGAR.—The Act works well as a rule, but a large number of the certificates have, however, to be applied for, pursuant to section 17. The fee (1s.) to which the Registrar is entitled in the event of no certificate being furnished within ten days, should be allowed in every case where notice requires to be given. This would cause the parents to have the certificates forwarded within the six months, and not, as many do, wait till the Registrar applies for them, knowing that they have other ten days afterwards. I have a case postponed eleven times, and have had to apply for every one of the certificates. When this child is successfully vaccinated, I will be entitled to the fee of 3d. for all my trouble. The remuneration allowed by the Act is far too small.

660. WISTON AND ROBERTON.—There is often a difficulty in getting the certificates from the medical officer.

VII. SOUTH-EASTERN DIVISION.

25. EDINBURGH.

689. INVERESK.—Frequent cases of delay occur through the vaccinator retaining the certificate until he gets payment of the fee, which is not in accordance with sect. 8, 26 and 27 Vict. cap. 108.

691. LASSWADE. — Considerable difficulty in getting the returns in time.

27. BERWICK.

743. GREENLAW.—The warning issued to vaccinators appears to be acting beneficially, as certificates can now be relied on with a greater degree of certainty. I had to petition the Sheriff in one case, but the certificate was sent prior to the day fixed for hearing the case, and proceedings were stopped. A strict adherence to the provisions of the Act will, I am confident, secure satisfactory results.

VIII. SOUTHERN DIVISION.

31. DUMFRIES.

814. CANONBIE.—The only remark that appears to be necessary in connection with the operation of the Act is the absolute necessity for an increased fee to the Registrar, and a compulsory statutory fee to the vaccinator. Public notices have to be sent to many of the parents, and other means have to be adopted, both by the Registrar and vaccinator, for the proper carrying out of the Act.

32. KIRKCUDBRIGHT.

860. CARSPHAIRN.—There exists no want of anxiety (so far as I know) on the part of parents to have their children vaccinated, but there is unquestionably considerable difficulty sometimes in complying with the statute. Many parents who cannot afford to bring a medical practitioner to vaccinate their children have to travel a distance of 10 or 12 miles, and even more. Both mother and child in such journeys are exposed to great danger, especially in the winter months, and in such an unsheltered district as this is.

882. TROQUEER.—If I might be allowed to offer a suggestion regarding parties removing from one parish to another before the expiration of the period of six months allowed for vaccination, it is this—that the vaccinator of the parish to which they have removed ought to be bound, on receiving notice from the Inspector of Poor of the parish in which the child was born, to vaccinate said child, as part of his duties as medical officer, without any extra charge.

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FOR HER MAJESTY'S STATIONERY OFFICE.

TWENTIETH
ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

ON THE

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN

SCOTLAND

DURING THE

YEAR 1874;

AND

TENTH ANNUAL REPORT

ON

VACCINATION.

Presented to both Houses of Parliament by Command of Her Majesty.

EDINBURGH:
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FOR HER MAJESTY'S STATIONERY OFFICE.
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REPORT.

TO THE

RIGHT HON$^{BLE.}$ R. ASSHETON CROSS, M.P.,

Her Majesty's Principal Secretary of State for the Home Department.

GENERAL REGISTRY OFFICE OF BIRTHS, ETC.,
EDINBURGH, 21*st April* 1875.

SIR,

I HAVE the honour to submit to you, in accordance with the requirements of the Scottish Registration Act (17 and 18 Vict. cap. 80), a General Abstract of the Births, Deaths, and Marriages registered in Scotland during the year 1874, which has been prepared in the usual form, in order that it may be laid before Parliament.

In accordance, also, with the 19th Section of the Scottish Vaccination Act (26 and 27 Vict. cap. 108), I have the honour to submit to you the Tenth Annual Report on Vaccination, which refers to the Vaccination of children whose births were registered in Scotland during the year 1873. This Report contains the usual Tables illustrative of the working of that Statute from 1864 to 1874 inclusive, and showing the numbers of Deaths from Small-pox which have been registered in Scotland during each year from 1855 to 1871, and likewise the *estimated* numbers of such deaths during 1872, 1873, and 1874.

Appended to the General Abstract will be found a Table based upon the experience of the last ten years, and exhibiting, in the form of an Annual Average, the nature of the Vaccination Returns which have been collected from the whole of Scotland,

and from each of the Eight Divisions and Thirty-three Counties into which the country is divided. The details of this Table suffice to prove that the working of the Vaccination Act in Scotland has, up to this time, been very effective.

I have the honour to be,

SIR,

Your most obedient Servant,

W. PITT DUNDAS,

Registrar-General.

REPORT TO THE REGISTRAR-GENERAL,

BY WILLIAM ROBERTSON, M.D., F.R.S.E.

SIR,

THIS Report refers to the Births, Deaths, and Marriages which, during the past year 1874, were registered in the 1025 Districts into which Scotland was at that time for Registration purposes divided. It has also reference to the Vaccination of the children whose births were recorded during the year 1873.

There were entered on the Registers of Scotland during 1874, 123795 Births, 80676 Deaths, and 26247 Marriages, which furnish the proportions of 35·7 births, 23·3 deaths, and 7·6 marriages to every thousand persons of the estimated population. On reference to the last three lines of Table II., it may be seen that the birth-rate of 1874 exceeded the mean rate observed during the preceding ten years, and was, in fact, the highest which the Table records—that the death-rate was considerably above the ten years' mean, and was only slightly exceeded by that of 1864—that the marriage-rate was above the average of the decennium, and surpassed only by the rate of 1873, the highest which the Table exhibits.

TABLE I.—Population estimated to the middle of each year, with the number of Births, Deaths, and Marriages registered in Scotland during each of the years 1855 to 1874, and their proportion to the Population; also the excess of Births over Deaths, the number of Illegitimate Births, and their proportion to the total Births.

YEAR.	Estimated Population.	BIRTHS.		DEATHS.	MARRIAGES.	Excess of Births over Deaths.	Per centage to Population.			Per cent. of Illeg. to Total Births.
		Total.	Illegit.				Births.	Deaths.	Marriages.	
1855	2,978,065	93,349	7,357	62,004	19,680	31,345	3·1491	2·0820	0·6608	7·8
1856	2,995,771	101,821	8,695	58,529	20,740	43,292	3·3988	1·9537	0·6923	8·5
1857	3,012,310	103,415	8,869	61,906	21,369	41,509	3·4331	2·0551	0·7094	8·5
1858	3,027,665	104,018	9,354	63,539	19,655	40,479	3·4356	2·0986	0·6492	8·9
1859	3,041,812	106,543	9,715	61,714	21,201	44,829	3·5026	2·0288	0·6969	9·1
1860	3,054,738	105,629	9,736	68,170	21,225	37,359	3·5578	2·2316	0·6948	9·2
1861	3,069,404	107,009	9,929	62,341	20,896	44,668	3·4863	2·0310	0·6808	9·2
1862	3,097,009	107,069	10,376	67,195	20,597	39,874	3·4572	2·1697	0·6651	9·7
1863	3,126,879	109,341	10,948	71,481	22,234	37,860	3·4968	2·2860	0·7160	10·0
1864	3,156,021	112,333	11,197	74,416	22,725	37,917	3·5594	2·3579	0·7200	9·9
1865	3,185,437	113,070	11,262	70,891	23,611	42,179	3·5496	2·2255	0·7412	9·9
1866	3,215,129	113,667	11,673	71,348	23,688	42,319	3·5354	2·2191	0·7367	10·2
1867	3,245,098	114,044	11,148	69,068	22,618	44,976	3·5063	2·1284	0·6970	9·7
1868	3,275,350	115,514	11,354	69,416	21,856	46,098	3·5267	2·1193	0·6673	9·8
1869	3,305,885	113,354	11,066	75,875	22,144	37,479	3·4288	2·2951	0·6698	9·7
1870	3,336,707	115,390	11,108	74,165	23,854	41,225	3·4582	2·2227	0·7149	9·6
1871	3,367,922	116,127	11,073	74,644	23,966	41,483	3·4481	2·2163	0·7116	9.5
1872	3,399,226	118,873	10,817	75,741	25,580	43,132	3·4971	2·2282	0·7525	9·1
1873	3,430,928	119,738	10,804	76,857	26,730	42,881	3·4897	2·2401	0·7791	9·0
1874	3,462,916	123,795	10,837	80,676	26,247	43,119	3·5749	2·3297	0·7579	8·7

BIRTHS.

123795 Births were registered in Scotland in 1874, being at the rate of 3·57 per cent., or of 357 for every ten thousand of the population. The exceptionally high marriage-rates of 1872 and 1873 have no doubt powerfully contributed to the increase of the population noted in 1874.

TABLE II.—Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1864 to 1874 inclusive.

	1864.		1865.		1866.		1867.		1868.		1869.		1870.		1871.		1872.		1873.		Mean per cent. Ten Years.	1874.	
	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.	No.	Per cent.		No.	Per cent.
FIRST QUARTER.																							
Births,	28049	3·55	28594	3·60	28883	3·59	27952	3·44	28697	3·50	28428	3·41	28665	3·44	28902	3·43	29506	3·47	30210	3·52	3·498	29837	3·45
Deaths,	22605	2·86	20804	2 62	19095	2·37	19977	2·46	18042	2·20	20429	2·47	22198	2·66	19756	2·34	21245	2·50	21443	2·50	2·498	20775	2·40
Marriages,	5346	0·67	5416	0·68	5642	0·70	5356	0·67	5287	0·64	5307	0·64	5647	0·67	5415	0·64	5820	0·68	6618	0·77	0·676	6777	0·78
Mean Temperat.	35°·7		35°·3		38°·0		36°·5		40°·6		40°·0		36°·9		39°·1		40°·7		38°·1		38°·09	40°·9	
SECOND QUARTER.																							
Births,	29964	3·79	30318	3·81	29808	3·71	30375	3·74	30983	3·78	29450	3·56	30636	3·67	30583	3·63	30726	3·61	31283	3·64	3·694	32295	3·73
Deaths,	18473	2·34	17074	2·15	18575	2·31	17475	2·15	16958	2·07	19492	2·35	18027	2·15	18715	2·22	19045	2·24	19931	2·32	2·230	19640	2·27
Marriages,	5723	0·72	5707	0·72	6034	0·75	5627	0·69	5661	0·69	5611	0·67	5770	0·69	5946	0·70	6398	0·75	6690	0·78	0·716	6730	0·78
Mean Temperat.	48°·9		51°·5		49°·3		49°·0		51°·0		48°·4		51°·0		48°·7		49°·2		49°·2		49°·72	49°·53	
THIRD QUARTER.																							
Births,	27035	3·42	27306	3·40	27204	3·38	27870	3·43	28354	3·46	27637	3·33	28263	3·39	28689	3·40	29181	3·43	28975	3·38	3·402	30702	3·55
Deaths,	16159	2·05	15924	2·00	15470	1·92	15125	1·86	16659	2·03	16528	2·00	16573	2·03	16835	2·00	16692	1·96	17072	1·99	1·984	18099	2·09
Marriages,	5005	0·63	5343	0·67	5104	0·63	5071	0·62	4704	0·57	4885	0·59	5318	0·63	5424	0·64	5891	0·69	5816	0·68	0·635	5582	0·64
Mean Temperat.	54°·5		57°·5		54°·4		55°·2		57°·4		56°·4		57°·1		56°·3		55°·8		55°·4		56°·00	56°·03	
FOURTH QUARTER.																							
Births,	27185	3·44	26852	3·38	27772	3·45	27847	3·43	27480	3·35	27339	3·37	27826	3·26	27953	3·32	29460	3·46	29270	3·41	3·387	30961	3·58
Deaths,	17179	2·17	17089	2·15	18210	2·26	16491	2·03	17757	2·17	19426	2·34	17367	2·08	19338	2·29	18759	2·20	18411	2·15	2·184	22162	2·54
Marriages,	6651	0·84	7145	0·89	6908	0·85	6564	0·81	6203	0·77	6341	0·76	7119	0·85	7181	0·85	7471	0·88	7606	0·88	0·838	7158	0·83
Mean Temperat.	42°·0		43°·4		43°·5		42°·3		41°·5		40°·9		39°·6		41°·3		41°·8		42°·7		41°·90	39°·5	
YEAR.																							
Population,	3156021		3185437		3215129		3245098		3275350		3305885		3336707		3367922		3399226		3430923			3462916	
Births,	112333	3·56	113070	3·56	113667	3·53	114044	3·51	115514	3·53	113354	3·43	115390	3·46	116127	3·45	118873	3·49	119738	3·49	3·501	123795	3·57
Deaths,	74416	2·36	70891	2·23	71350	2·22	69068	2·13	69416	2·12	75875	2·29	74165	2·22	74644	2·22	75741	2·22	76857	2·24	2·225	80676	2·33
Marriages,	22725	0·72	23611	0·74	23688	0·73	22618	0·69	21855	0·66	22144	0·67	23864	0·71	23966	0·71	25580	0·75	26730	0·78	0·714	26247	0·76

For the constitution of the Five Groups of Districts into which, for statistical purposes, it has been found convenient to divide Scotland, reference may be made to the Nineteenth Annual Report. The birth-rate varies considerably in these Five Groups. Thus, 42641 births were registered during 1874 in the Group of Principal Towns, 15209 in the Large Towns, 29547 in the Small Towns, 32953 in the Mainland-Rural Districts, and 3345 in the Insular-Rural Group; and the birth-rates which these numbers indicate, when contrasted with the estimated population of the several Groups, are 3·75 per cent. in the Eight Principal Towns, 4·29 per cent. in the Large Towns, 3·71 per cent. in the Small Towns, 3·15 per cent. in the Mainland-Rural Districts, and 2·64 per cent. in the Insular-Rural Districts. As has before been remarked in these Annual Reports, there is reason to believe that the proportion of births to inhabitants is greater in the Large Towns than in the Eight Principal Towns, and that the difference of birth-rates has been annually becoming more marked since 1870—in fact, that while the birth-rate in the Large Towns has been, year by year, becoming more considerable, that in the Prin-

TABLE III.—Births, Deaths, and Marriages in each of the Eight Divisions of Scotland during the Year 1874, and their Proportion to the estimated Population.

DIVISIONS.	POPULATION.		BIRTHS.		DEATHS.		MARRIAGES.	
	Census 1861.	Census 1871.	Number.	Per Cent. to Pop.	Number.	Per Cent. to Pop.	Number.	Per Cent. to Pop.
Northern . .	130,422	127,191	3159	2·50	1838	1·46	611	0·48
North-Western .	167,242	166,351	4326	2·60	2936	1·77	785	0·47
North-Eastern .	366,870	393,199	12861	3·20	7176	1·78	2518	0·62
East Midland .	523,822	559,676	19027	3·33	12990	2·27	4257	0·74
West Midland .	242,487	251,088	8653	3·41	5767	2·27	1598	0·63
South-Western .	1,008,273	1,183,218	52829	4·24	35484	2·85	11464	0·92
South-Eastern .	413,116	475,523	16753	3·37	10577	2·12	3779	0·76
Southern . .	210,062	203,772	6187	3·07	3908	1·93	1235	0·61

TABLE IV.—Births, Illegitimate Births, Deaths, and Marriages, in the Five New Registration Groups of Town, Rural, and Insular Districts in Scotland in 1874.

FIVE NEW GROUPS OF DISTRICTS.	POPULATION estimated to the Middle of 1874.			BIRTHS.			ILLEGITIMATE BIRTHS.	DEATHS.			MARRIAGES.
	Males.	Females.	Both Sexes.	Males.	Fem.	Both Sexes.		Males.	Fem.	Both Sexes.	
Principal Towns . .	537,090	599,064	1,136,154	21,864	20,777	42,641	3,805	16,245	15,873	32,118	10,491
Large Towns . .	170,483	183,852	354,335	7,784	7,425	15,209	974	5,087	4,942	10,029	3,050
Small Towns . . .	381,172	415,728	796,900	15,264	14,283	29,547	2,430	8,939	8,804	17,743	5,766
Mainland-Rural . .	507,247	537,780	1,045,027	16,922	16,031	32,953	3,430	9,333	9,264	18,597	6,321
Insular-Rural . .	60,380	70,120	130,500	1,808	1,637	3,445	198	1,076	1,113	2,189	619
SCOTLAND . .	1,656,372	1,806,544	3,462,916	63,642	60,153	123,795	10,837	40,680	39,996	80,676	26,247

N.B.—The Principal Town Districts contain towns with above 25,000 inhabitants; the Large Town Districts contain towns with from 10,000 to 25,000 inhabitants, and also the suburbs of Glasgow; the Small Town Districts contain towns with from 2,000 to 10,000 inhabitants; and the Mainland Rural and Insular-Districts contain the remainder of the inhabitants of Scotland.

cipal Towns has, upon the whole, been diminishing. There were registered in the Large Towns during 1873, 406 births to every ten thousand persons, and during 1874, as may be seen on reference to Table V., the births were at the rate of 429 per ten thousand, indicating a very large increase. But during 1873 there were registered in the Eight Principal Towns only 373 births to every ten thousand persons, and, although the rate in 1874 was 375 per ten thousand, and consequently had not diminished, it is nevertheless plain that conditions favourable to the multiplication of the human species have of late been in operation in the Large Towns, but have acted with less energy in the Eight Towns of more than 25000 inhabitants.

Out of 123795 registered births, 10837, or 8·7 per cent., were illegitimate. As in former years, the Insular-Rural Districts show the lowest rate of illegitimate births, viz. 5·7 per cent., and this rate is not much exceeded by the Large Town Group, where the illegitimates were 6·4 per cent. The Small Towns and Principal Towns contributed respectively 8·2 and 8·9 per cent. of illegitimate births, and, finally, 10·4 per cent. of all births registered in the Mainland-Rural Districts were illegitimate.

Table VI. sufficiently illustrates the relative frequency of illegitimate births in the different counties of Scotland. In Ross and Cromarty, the illegitimate were only 4·3 per cent. of the total registered births; in Shetland, the rate was 4·7 per cent.; in Orkney, 5·1; and in Renfrewshire, 5·9. In four counties, consequently, the rate was below 6 per cent. In twenty-

TABLE V.—Percentage of Births, Deaths, and Marriages to the Population, distinguishing the Sexes; Percentage of Illegitimate to Total Births, and Proportion of Boys to Girls at Birth, in the Five New Groups of Registration Districts in 1874.

NEW REGISTRATION GROUPS OF DISTRICTS.	Percentage to Population in 1874.							Percentage of Illegitimate to Total Births.	Proportion of Boys to every 100 Girls at Birth.
	BIRTHS.			DEATHS.			MARRIAGES.		
	Males.	Females	Both Sexes.	Males.	Females	Both Sexes.			
Principal Towns . .	4·07	3·47	3·75	3·02	2·65	2·83	0·92	8·9	105·2
Large Towns . . .	4·56	4·04	4·29	2·98	2·68	2·83	0·86	6·4	104·8
Small Towns . . .	4·00	3·43	3·71	2·34	2·12	2·23	0·72	8·2	106·8
Mainland-Rural .	3·34	2·98	3·15	1·84	1·72	1·78	0·65	10·4	105·5
Insular-Rural . .	2·99	2·33	2·64	1·78	1·59	1·68	0·47	5·7	110·4
SCOTLAND . . .	3·84	3·33	3·57	2·46	2·21	2·33	0·76	8·7	105·8

TABLE VI.—Proportion of Illegitimate to every 100 Births in Scotland, its Divisions and Counties, in 1874.

DIVISIONS.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.	Counties.	Per Cent. of Illegit.
SCOTLAND.	8·7	Shetland	4·7	Forfar	10·5	Lanark	7·4
		Orkney	5·1	Perth	10·1	Linlithgow	8·4
NORTHERN DIVISION	7·8	Caithness	12·2	Fife	6·6	Edinburgh	7·9
NORTH-WESTERN Do.	6·4	Sutherland	7·3	Kinross	8·4	Haddington	7·5
NORTH-EASTERN Do.	14·9	Ross & Cromarty	4·3	Clackmannan	9·4	Berwick	9·4
EAST-MIDLAND Do.	9·2	Inverness	8·3	Stirling	7·3	Peebles	7·2
WEST-MIDLAND Do.	7·2	Nairn.....	8·9	Dumbarton	6·1	Selkirk	8·2
SOUTH-WESTERN Do.	7·2	Elgin	16·4	Argyll.....	8·3	Roxburgh	11·1
SOUTH-EASTERN Do.	8·0	Banff.....	17·1	Bute.....	7·9	Dumfries	14·8
SOUTHERN Do.	13·9	Aberdeen	14·4	Renfrew	5·9	Kirkcudbright	14·6
		Kincardine.....	14·4	Ayr	7·7	Wigtown.....	15·1

one counties, the illegitimates constituted at least 6, and not more than 12, per cent. of the total births. This list is headed by Dumbartonshire, with only 6·1 per cent., and closed by Roxburghshire, with 11·1 per cent. of illegitimate births. In eight counties the rate exceeded 12 per cent.: thus, Caithness shows a rate of 12·2 per cent.; Aberdeenshire and Kincardineshire have the same rate, 14·4 per cent.; Kirkcudbrightshire contributes its 14·6 per cent.; Dumfries, its 14·8 per cent.; Wigtownshire, its 15·1 per cent.; Elgin, its 16·4 per cent.; and Banffshire, 17·1 per cent.

Of the 123795 children whose births were registered, 63642 were males and 60153 females. The proportion of boys and girls was, consequently, 105·8 of the former to 100 of the latter. The preponderance of male births in Scotland has been frequently alluded to in these Reports, and during the year 1874 it did not materially exceed its usual amount throughout the whole country. It is worth noting that the amount of this male preponderance is apt to vary considerably in the several Groups of Districts. Thus, in the Large Towns, the male births were to the females in 1874 as 104·8 to 100; but in 1873 the ratio was 107 to 100. In the Insular-Rural Districts, on the other hand, the male births were to the female births in 1874 as 110·4 to 100; but in 1873 the ratio was 107·2 to 100. The most probable explanation of these fluctuations seems to be the smallness of the number of annual births in these two Groups of Districts, which do not indeed include so much as one-seventh of the population of Scotland.

Births occurred with greatest frequency during the month of June, when they were registered at the rate of 360 per diem, and they were least frequent during August, when the daily registrations were only 320.

DEATHS.

80676 Deaths were registered in Scotland during 1874, and the death-rate was consequently 233 to ten thousand persons, or 2·33 per cent.

TABLE VII.—Births, Deaths, and Marriages, and their Proportion to the Population, in the Eight Principal Towns of Scotland, during each of the Years 1855–1874.

YEARS.	Population estimated to the middle of each year.	BIRTHS.		DEATHS.		MARRIAGES.	
		Number.	Per cent. to Population.	Number.	Per cent. to Population.	Number.	Per cent. to Population.
1855	827,558	28,113	3·39	22,706	2·74	6,937	0·84
1856	837,540	31,719	3·78	22,254	2·65	7,507	0·89
1857	847,522	32,764	3·85	23,363	2·75	7,476	0·88
1858	857,504	32,563	3·79	23,445	2·73	6,865	0·80
1859	867,486	33,027	3·80	22,352	2·56	7,554	0·87
1860	877,468	32,958	3·75	26,066	2·97	7,688	0·87
1861	889,133	34,351	3·86	23,149	2·60	7,753	0·87
1862	906,042	34,436	3·81	24,960	2·76	7,724	0·87
1863	923,276	35,888	3·88	27,045	2·93	8,544	0·85
1864	940,840	37,058	3·94	28,845	3·07	8,897	0·92
1865	958,731	38,109	3·97	28,515	2·90	9,347	0·94
1866	976,986	38,541	3·94	27,466	2·81	9,458	0·96
1867	995,583	39,012	3·96	26,519	2·69	8,870	0·90
1868	1,014,536	39,492	3·89	28,037	2·76	8,589	0·86
1869	1,033,853	39,517	3·82	31,477	3·04	9,156	0·88
1870	1,053,542	40,452	3·83	28,508	2·70	9,733	0·92
1871	1,073,608	40,444	3·76	31,385	2·92	9,815	0·91
1872	1,094,061	41,657	3·81	30,186	2·76	10,445	0·95
1873	1,114,907	41,504	3·73	30,004	2·69	10,596	0·95
1874	1,136,154	42,641	3·75	32,118	2·83	10,491	0·92

The numbers for 1871, 1872, 1873, and 1874, are made up from the Quarterly Returns; the remainder from the Detailed Annual Reports, where the figures are corrected.

This is a very heavy mortality—far above the mean death-rate deduced from the preceding ten years' statistics, and, in fact, never exceeded since the year 1864, when it amounted to 2·36 per cent. There is reason to believe that this unusual mortality has been due, partly to the local prevalence of certain destructive Zymotic Diseases, such as Scarlatina, but, perhaps, still more to the general prevalence of very trying weather during the month of December.

The death-rates were very different in the Five Groups of Registration Districts. In the Principal and Large Towns, 283 died out of every ten thousand inhabitants, and in the Small Towns the rate was 223. In the Mainland-Rural Group, the rate was 178, and in the Insular-Rural population only 168 to every ten thousand. In every Group, however, the death-rate exceeded the previous year's average.

MARRIAGES.

The number of Marriages registered in Scotland during 1874 was 26247, being at the rate of 76 marriages to every ten thousand of the estimated population. With the exception of the year 1873, when the marriage-rate of 78 per ten thousand was attained, the year 1874 furnished the highest marriage-rate hitherto recorded in Scotland.

The frequency of marriages varies exceedingly in the different Registration Groups, and is beyond all question connected with the degree of density or massing of the population in each. For every ten thousand inhabitants of the Principal Towns, there were 92 marriages, while in the Large Towns the rate was 86, in the Small Towns 72, in the Mainland-Rural Districts 65, and in the Insular-Rural Districts only 47.

EIGHT PRINCIPAL TOWNS OF SCOTLAND.

Although it would be highly satisfactory were means devised by which prompt notice could be given to the public regarding the births, deaths, and marriages which take place in the whole of Scotland, embracing all desirable particulars as to the sex, age, and disease of each person that dies, and regarding the meteorological observations conducted in every part of the country, it has been hitherto found quite impossible to anticipate the publication of the Detailed Annual Reports on such matters issued from this Department, in which the condition of the whole of Scotland is reviewed with such light as the careful correction of the returns enables us to use. But, as regards the Eight Principal Towns of Scotland, information is communicated by means of Weekly and Monthly Reports. The former merely give, for each town, the estimated population and the number of births, deaths, and marriages which have been registered during a week, together with some slight notice of meteorological conditions, and means for comparing observations made at the same period during the preceding year. The Monthly Reports, however, exhibit various particulars regarding the ages of those who have died, and regarding the nature of the diseases which have proved fatal. The Eight Principal Towns contain about 32 per cent. of the whole population of Scotland. They differ from each other not only in geographical position, but in the circumstances and occupations of their inhabitants; and it has now been shown by long experience, that an epidemic disorder hardly ever gathers considerable intensity in any part of

the country without having its approach clearly foretold, and its progress accurately marked in the tabular statements of the Monthly Returns from this Department.

BIRTHS IN THE EIGHT TOWNS.

42641 Births were registered in these Principal Towns during the year 1874, and are seen to have occurred at the rate of 375 to every ten thousand of the estimated population. The birth-rate was consequently 3·75 per cent., and decidedly under the previous ten years' average, which amounted to 3·865 per cent. The birth-rate varied less than usual in the different towns. It was lowest in Edinburgh, and highest in Greenock (Table VIII.). Thus, for every ten thousand inhabitants of Edinburgh, there were 323 births; while in Perth there were, for a like number of persons, 327; in Aberdeen, 345; in Paisley, 367; in Dundee, 387; in Leith, 393; in Glasgow, 394; and in Greenock, 425.

Of the 42641 births in the Eight Towns, 3805, or 8·9 per cent., were illegitimate. The proportion of illegitimate births varied, as usual, in the different towns: being 4·9 per cent. of the total births in Greenock, 5·5 per cent. in Leith, 6·9 per cent. in Paisley, 8·6 per cent. in Edinburgh, 8·9 per cent. in Glasgow, 9·3 per cent. in Perth, 11·4 per cent. in Dundee, and 12 per cent. in Aberdeen.

Of the children born in the Eight Towns, 21864 were of the male, 20777 of the female sex. These numbers give a ratio of 105·2 boys for every 100 girls,—an excess of male births which was more decidedly marked in the Small Towns and Rural Districts.

DEATHS IN THE EIGHT TOWNS.

32118 Deaths were registered in the Principal Towns during 1874, being in the proportion of 283 to every ten thousand persons. The mean

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TABLE VIII.—Births, Deaths, and Marriages, and their Proportion to the Population, during the Year 1874, in each of the Principal Towns of Scotland; also the Illegitimate Births, and their Proportion to the Total Births.

Towns.	Population estimated to the middle of 1874.	BIRTHS.		ILLEGIT. BIRTHS.		DEATHS.		MARRIAGES.	
		Number.	Per Cent. to Pop.	Number.	Per Cent. to Total Births.	Number.	Per Cent. to Pop.	Number.	Per Cent. to Pop.
Glasgow	508,109	20038	3·94	1789	8·9	15841	3·12	4992	0·98
Edinburgh	211,691	6839	3·23	599	8·6	5005	2·36	1813	0·86
Dundee	131,777	5103	3·87	584	11·4	4169	3·16	1251	0·95
Aberdeen	93,222	3221	3·45	388	12·0	2066	2·22	692	0·74
Greenock	66,020	2804	4·25	139	4·9	1689	2·56	599	0·91
Paisley	43,517	1779	3·67	123	6·9	1388	2·86	445	0·92
Leith	50,341	1978	3·93	108	5·5	1254	2·49	471	0·94
Perth	26,477	866	3·27	81	9·3	700	2·64	229	0·86

N.B.—The Tables referring to the Eight Towns are made up from the Monthly Returns, and we have not the means of correcting the discrepancies between them and the Quarterly Returns, as the Registration Books are not received at this office till many months after the close of the year.

death-rate during the ten previous years was 2·83 per cent., the same rate as that now recorded for 1874.

The mortality was by no means the same in each of the Principal Towns. For each ten thousand persons resident in Aberdeen there were 222 deaths; for like numbers in Edinburgh, 236; in Leith, 249; in Greenock, 256; in Perth, 264; in Paisley, 286; in Glasgow, 312; and in Dundee, 316 deaths. The average death-rate of the previous ten years was exceeded by that of 1874 in Perth, Leith, Glasgow, and especially in Dundee; but the death-rate of 1874 was below the ten years' mean in Aberdeen, Edinburgh, Paisley, and Greenock.

Table X. illustrates the subject of infantile mortality in each of the Eight Principal Towns. Contrasting the numbers of children living at ages under five years with the numbers of children who died at ages under five years in each town, we find that infantile mortality was least felt in Aberdeen, and was most marked in Dundee. For every thousand children under five years of age in Aberdeen, there died during 1874, 54·8; in Greenock, 64·8; in Edinburgh, 66·6; in Perth, 72·4; in Leith, 74·9; in Paisley, 75·8; in Glasgow, 103·4; and in Dundee, 108·2.

If, however, passing to the last column of Table X., we seek the proportion which the infantile mortality bears to the whole mortality in each locality during 1874, we find that this proportion is least in Perth and highest in Dundee. The numbers show that 32·8 per cent. of the mortality was infantile in Perth, 34·6 per cent. in Aberdeen, 34·7 per cent. in Edinburgh, 35·2 per cent. in Paisley, 37·7 per cent. in Greenock, 40·3 per cent. in Leith, 45·3 per cent. in Glasgow, and 47·7 per cent. in Dundee.

TABLE IX.—Percentage of Deaths to the Population in each of the Eight Principal Towns of Scotland, during each of the Years 1864-1874.

TOWNS.	Percentage of Deaths to the Population.											
	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	Mean of Ten Years.	1874.
Glasgow	3·25	3·25	2·93	2·82	3·04	3·37	2·96	3·29	2·87	2·91	3·07	3·12
Edinburgh	2·60	2·65	2·58	2·52	2·48	2·77	2·37	2·69	2·67	2·19	2·55	2·36
Dundee	3·09	2·91	2·95	2·71	2·60	3·09	2·69	2·74	2·79	2·56	2·81	3·16
Aberdeen	2·73	2·48	2·86	2·20	2·41	2·09	2 21	2·25	2·35	2·31	2·39	2·22
Greenock	3·97	3·34	2·88	2·69	3·02	3·09	2·86	3·01	2·73	3·47	3·11	2·56
Paisley	3·19	2·95	2·81	2·78	2·54	3·01	2·80	2·94	2·95	3·28	2·92	2·86
Leith	2·37	2·36	2·24	2·51	2·24	2·63	2·32	2·31	2·79	2·21	2·40	2·49
Perth	2·94	2·77	2·33	2·16	2·38	2·62	2·43	2·08	2·22	2·41	2·43	2·64

TABLE X.—Deaths of Children under 5 Years of age in each of the Eight Principal Towns of Scotland during the Year 1874.

TOWNS.	Number of Living Children under 5 years in 1874.	Deaths under 5 years of age.	Percentage of Deaths under 5 years.	Percentage of Deaths under 5 years to the Total Deaths.
Glasgow	69,360	7173	10·34	45·3
Edinburgh	26,102	1739	6·66	34·7
Dundee	18,360	1987	10·82	47·7
Aberdeen	13,051	715	5·48	34·6
Greenock	9,830	637	6·48	37·7
Paisley	6,453	489	7·58	35·2
Leith	7,476	560	7·49	40·3
Perth	3,175	230	7·24	32·8

The Class of Diseases termed Zymotic, which includes those popularly known as Epidemic and Contagious, occasioned during 1874 no less than 8122 deaths, and consequently was the registered cause of 25·5 per cent. of the mortality of the Eight Towns, carrying off 72·1 out of every ten thousand of their inhabitants.

Although the influence of Zymotic Diseases seems to have been felt with more than average severity in every one of the Principal Towns, it did not produce the same destructive effects in each. Thus, the proportion of deaths from Zymotic Diseases to the total deaths in each Town was, in Edinburgh, 19·88 per cent.; in Greenock, 20·62 per cent.; in Aberdeen, 22·21; in Paisley, 22·98; in Glasgow, 25·97; in Perth, 27·97; in Leith, 29·03; and in Dundee, 33·43 per cent.

Glasgow suffered much during 1874 from Scarlatina, which caused 10·52 per cent. of the total registered deaths. Of the other Zymotic Diseases, Hooping-cough, which caused 4·42 per cent. of the total deaths, was the most destructive. The mortality from Diarrhœa, from Fevers, and, generally from all other epidemics, was comparatively light.

In Edinburgh, Scarlatina was likewise very prevalent, being the registered cause of 5·19 per cent. of the total deaths. 3·52 per cent. of the deaths were due to Fevers, 2·61 per cent. to Diarrhœa, and 2·19 per cent. to Hooping-cough.

In Dundee, 20·40 per cent. of the total deaths were due to Scarlatina. As may be seen by reference to Table XI., 64·5 persons out of every ten thousand in Dundee died last year of this single disease. In comparison with this terrible mortality, the ravages of all other Zymotic Diseases appear to have been slight. Thus, Diarrhœa was the cause of only 3·89 per cent. of the deaths, and Fevers of only 2·78, while the numbers who died from other epidemic disorders were quite trifling.

In Aberdeen, 3·45 per cent. of the deaths were from Scarlatina—a lower proportion than was observed in any other of the Eight Towns. Measles caused 3·30 per cent. of the deaths; Hooping-cough, 2·09 per cent.; Diarrhœa, 3·69; and Fevers, 3·55 per cent.

In Greenock, Scarlatina was the cause of 6·04 per cent. of the total deaths. Fevers, chiefly of the Enteric type, accounted for 3·35 per cent. of the whole mortality, and Small-pox for 2·39 per cent.

In Paisley, the deaths from Scarlatina amounted to 7·64 per cent. of all registered; those from Small-pox to 4·41 per cent. The mortality from Fevers and all other Zymotic Diseases, except those above specified, was inconsiderable.

In Leith, 15·72 per cent. of the deaths were due to Scarlatina, 3·53 per cent. to Diarrhœa, 2·56 per cent. to Fevers, 2·33 per cent. to Croup. No other epidemic seems to have been prevalent in Leith.

In Perth, the victims to Scarlatina constituted 16·52 per cent. of the total deaths. Fevers proved fatal to 3·19 per cent. of those who died; Hooping-cough and Croup, to 2·03 and 2·17 respectively; Diphtheria, to 1·16 per cent. The mortality from other epidemics hardly requires notice.

Combining the returns from the whole Group of Principal Towns, we find that the leading epidemic during 1874 was Scarlatina, which caused 10·49 per cent. of the whole registered deaths, and actually destroyed 29·6 per ten thousand of the estimated population of the Group. The deaths from Scarlatina numbered 3340; those from Hooping-cough, 975; from

Diarrhœa, 885; from Fevers, 839; from Measles, 488; from Small-pox, 356; from Croup, 353; and from Diphtheria, 306.

The form of Fever which was most prevalent was the Enteric or Typhoid. In Edinburgh, Dundee, and Perth, Typhus was more frequent, but in all the other towns the majority of deaths from Fever was due to disease of the Enteric type. Out of 839 deaths from Fever in the Principal Towns, 449 were caused by Enteric Fever, and 361 by Typhus.

Of the other important diseases of the Zymotic Class, Erysipelas caused 137 deaths; Metria, 114; Syphilis, 95; Rheumatic Fever, 57; Pyæmia, 18; and Noma, 7 deaths.

On reviewing the mortality from diseases of Uncertain Seat, we find 496 deaths attributed to Cancer. As during 1873, the deaths from this cause appear to have been in 1874, likewise, decidedly more frequent in Edinburgh and in Aberdeen than in Glasgow, Dundee, or any other of the Principal Towns. It is not very creditable to medical nomenclature to find no less than 366 deaths attributed to the vague cause, Dropsy; and it is hardly possible to resist the impression that, in a considerable number of cases, the term might have been avoided, and such causes as "Disease of Heart," of "Kidneys," or of "Liver" substituted by those who filled up the medical certificates for the Registrars.

Tubercular Diseases caused 4713 deaths, or 14·80 per cent of the total mortality of the Eight Principal Towns, cutting off 418 of every ten

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TABLE XI.—Percentage of Deaths from different Diseases to the Population in each of the Eight Principal Towns of Scotland during the Year 1874, allowing for the causes not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Paisley.	Leith.	Perth.
TOTAL DEATHS .	2·826	3·118	2·364	3·164	2·216	2·558	2·861	2·491	2·644
I. Zymotic Diseases .	0·721	0·810	0·470	1·058	0·492	0·527	0·657	0·723	0·739
III. Tubercular Diseases	0·418	0·451	0·343	0·407	0·309	0·424	0·496	0·380	0·364
IV. Brain Diseases . .	0·242	0·233	0·251	0·258	0·228	0·260	0·275	0·210	0·276
V. Heart, etc., Diseases	0·137	0·121	0·173	0·124	0·146	0·131	0·126	0·140	0·199
VI. Respiratory Organs .	0·563	0·715	0·419	0·590	0·361	0·404	0·452	0·381	0·318
VII. Digestive Organs .	0·175	0·211	0·143	0·114	0·147	0·182	0·210	0·132	0·146
XIII. Urinary Diseases .	0·042	0·037	0·051	0·038	0·070	0·034	0·031	0·030	0·038
XII. Premature Debility	0·141	0·149	0·112	0·197	0·096	0·148	0·100	0·154	0·142
XV. Old Age . . .	0·113	0·091	0·125	0·112	0·143	0·109	0·212	0·092	0·222
XVII. Violent Deaths .	0·107	0·114	0·095	0·105	0·072	0·162	0·111	0·104	0·077
Small-pox . . .	0·031	0·042	0·003	0·005	0·032	0·061	0·126	0·002	0·000
Measles . . .	0·043	0·054	0·045	0·028	0·073	0·009	0·002	0·018	0·004
SCARLATINA . .	0·296	0·328	0·123	0·645	0·076	0·154	0·218	0·392	0·437
Diphtheria . .	0·027	0·027	0·031	0·037	0·012	0·027	0·025	0·012	0·039
HOOPING-COUGH .	0·086	0·138	0·052	0·044	0·046	0·017	0·057	0·038	0·054
Croup . . .	0·031	0·028	0·028	0·023	0·035	0·032	0·046	0·058	0·057
DIARRHŒA . .	0·078	0·075	0·062	0·123	0·082	0·076	0·071	0·088	0·038
Dysentery . .	0·006	0·005	0·005	0·010	0·005	0·008	0·013	0·002	0·004
Cholera . . .	0·003	0·002	0·002	0·000	0·001	0·007	0·000	0·008	0·000
All FEVERS . .	0·074	0·068	0·083	0·088	0·079	0·085	0·046	0·064	0·084
Viz. Typhus . .	0·032	0·023	0 046	0·053	0·030	0·027	0·008	0·028	0·049
Enteric . .	0·037	0·040	0·032	0·030	0·040	0·053	0·032	0 034	0·035
Relapsing .	0·001	0·001	0·000	0·002	0·000	0·000	0·000	0 000	0·000
Simple Cont.	0·002	0·001	0·002	0·002	0·000	0·002	0·002	0·000	0·000
Infantile .	0·002	0·002	0·002	0·001	0·009	0·003	0·004	0·002	0 000
Dropsy . . .	0·030	0·032	0·026	0·031	0·012	0·035	0·053	0·038	0·008
Cancer . . .	0·044	0·036	0·066	0·040	0·058	0·031	0·040	0·030	0·057
PHTHISIS . .	0·289	0·329	0·236	0·291	0·229	0·271	0·338	0·210	0·257
Apoplexy . . .	0·052	0·047	0·052	0·062	0·032	0·081	0·082	0·046	0·077
Paralysis . . .	0·065	0·054	0·074	0·064	0·066	0·058	0·103	0·080	0·119
Convulsions . .	0·044	0·048	0·029	0·065	0·054	0·032	0·027	0·042	0·008
BRONCHITIS . .	0·389	0·497	0·258	0·434	0·269	0·254	0·342	0·266	0·218
Pneumonia . .	0·131	0·164	0·105	0·138	0·063	0·125	0·088	0·096	0·069
Teething . . .	0·039	0·051	0·014	0·024	0·049	0·044	0·073	0·016	0·015
Liver Diseases .	0·038	0·041	0·046	0·027	0·029	0·032	0·053	0·020	0·035

thousand of the population. The deaths from Pulmonary Consumption numbered 3258, being 10·23 per cent. of all deaths registered, or 28·9 in each ten thousand persons. No single disease is in ordinary years the cause of so many deaths as Consumption; but 1874 was so far exceptional, that the mortality from Scarlatina and Bronchitis was greater than that from Phthisis. The deaths from Consumption were, upon the whole, less numerous than usual. Whether as regards the percentage of deaths from this cause, or the percentage of the population which it removed, Leith contrasts favourably with the other Principal Towns, and especially with Paisley. In Leith, the deaths from Consumption constituted 8·42 per cent. of the total deaths, while, in Paisley, the proportion was 11·82 per cent. In the former Town, 21 died of this disease out of every ten thousand persons; in the latter, 33·8 per ten thousand died.

Hydrocephalus caused 789 deaths; Tabes Mesenterica, 422; and Scrofula, 244.

Diseases of the Brain and Nervous System caused 2732 deaths, that is to say, 8·58 per cent. of the mortality of the Eight Towns, or 24·2 deaths for every ten thousand inhabitants. The relative mortality from this Class of Diseases was highest in Edinburgh, where it amounted to 10·64 per cent. of the whole deaths. The corresponding numbers were, for Perth, 10·43 per cent.; for Aberdeen, 10·30; for Greenock, 10·16; for Paisley, 9·62; for Leith, 8·42; for Dundee, 8·15; and for Glasgow, 7·49. But the above order will be considerably altered if the Eight

TABLE XII.—Percentage of Deaths from different Diseases to the Total Deaths in each of the Eight Principal Towns of Scotland during the Year 1874, allowing for the causes of Death not specified.

DISEASES CAUSING DEATH.	Total Eight Towns.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Greenock.	Paisley.	Leith.	Perth.
I. Zymotic Diseases .	25·50	25·97	19·88	33·43	22·21	20·62	22·98	29·03	27·97
III. Tubercular Diseases	14·80	15·11	14·52	12·86	13·95	16·56	17·73	15·24	13·77
IV. Brain, etc., Diseases	8·58	7·49	10·64	8·15	10·30	10·16	9·62	8·42	10·43
V. Heart, etc., Diseases .	4·83	3·87	7·34	3·92	6·61	5·14	4·41	5·61	7·54
VI. Respiratory Organs .	19·92	22·93	17·73	18·66	16·28	15·78	15·79	15·32	12·03
VII. Digestive Organs .	6·20	6·78	6·03	3·60	6·66	7·11	7·34	5·29	5·51
VIII. Urinary Organs .	1·48	1·18	2·17	1·21	3·16	1·31	1·10	1·20	1·45
XIII. Debility, Premat. Birth	4·99	4·77	4·72	6·24	4·32	5·80	3·52	6·17	5·36
XV. Old Age . . .	4·02	2·93	5·29	3·55	6·46	4·24	7·42	3·69	8·41
XVII. Violent Deaths . .	3·81	3·67	4·00	3·34	3·26	6·34	3·89	4·17	2·90
Small-pox . .	1·12	1·35	0·15	0·15	1·46	2·39	4·41	0·08	0·00
Measles . . .	1·53	1·73	1·89	0·89	3·30	0·36	0·07	0·72	0·14
SCARLATINA .	10·49	10·52	5·19	20·40	3·45	6·04	7·64	15·72	16·52
Diphtheria . .	0·96	0·87	1·33	1·18	0·53	1·08	0·88	0·48	1·16
HOOPING-COUGH.	3·06	4·42	2·19	1·21	2·09	0 66	1·98	1·52	2·03
Croup . . .	1·11	0·91	1·21	0·73	1·60	1·26	1·62	2·33	2·17
DIARRHŒA . .	2·78	2·42	2·61	3·89	3·69	2·99	2·50	3·53	1·45
Dysentery . .	0·21	0·16	0·20	0·31	0·24	0·30	0·44	0·08	0·14
Cholera . . .	0·09	0·09	0·08	0·02	0·05	0·30	0·00	0·32	0·00
All FEVERS . .	2·63	2·19	3·52	2·78	3·55	3·35	1·62	2·56	3·19
Viz. Typhus .	1·13	0·73	2·01	1·69	1·36	1·08	0·29	1·12	1·88
Enteric .	1·32	1·29	1·31	0·95	1·80	2·09	1·11	1·36	1·31
Relapsing .	0·03	0·04	0·00	0·07	0·00	0·00	0·00	0·00	0·00
Simple Cont.	0·06	0·06	0·10	0·05	0·00	0·06	0·07	0·00	0·00
Infantile .	0·09	0·07	0·10	0·02	0·39	0·12	0·15	0·08	0·00
Dropsy . . .	1·05	1·02	1·09	0·99	0·53	1·37	1·84	1·52	0·29
Cancer . . .	1·56	1·15	2·81	1·28	2·62	1·20	1·39	1·20	2·17
PHTHISIS . .	10·23	10·55	9·99	9·19	10·35	10·58	11·82	8·42	9·71
Apoplexy . . .	1·86	1·50	2·21	1·96	1·46	3·17	2·86	1·84	2·90
Paralysis . . .	2·30	1·74	3·12	2·03	2·96	2·27	3·60	3·21	4·49
Convulsions . .	1·56	1·55	1·23	2·05	2·43	1·26	0·95	1·68	0·29
BRONCHITIS .	13·77	15·96	10·90	13·70	12·15	9·92	11·97	10·67	8·26
Pneumonia . .	4·63	5·25	4·44	4·35	2·87	4·90	3·08	3·85	2·61
Teething . . .	1·39	1·64	0·60	0·77	2·24	1·73	2·57	0 64	0·58
Liver Diseases . .	1·35	1·31	1·95	0·85	1·31	1·26	1·84	0·80	1·30

Towns be ranged in the order indicated by the percentage of the population of each which was in 1874 removed by Brain Diseases. Out of ten thousand persons, it appears that Perth lost 276; Paisley, 275; Greenock, 260; Dundee, 258; Edinburgh, 251; Glasgow, 233; and Leith, only 210.

Diseases of the Heart and Circulatory System caused 1539 deaths, or 4·83 per cent. of the mortality. The frequency of these diseases was most marked in Perth, least marked in Glasgow. In Perth, 7·54 per cent. of the deaths were referred to this class; in Edinburgh, 7·34 per cent.; in Aberdeen, 6·61 per cent.; in Leith, 5·61 per cent.; in Greenock, 5·14 per cent.; in Paisley, 4·41 per cent.; in Dundee, 3·92 per cent.; and in Glasgow, 3·87 per cent.

Diseases of Respiratory System, always a very large class, were in 1874 exceedingly prevalent, the deaths numbering 6344, and removing 56·3 of every ten thousand of the population, while constituting 19·92 per cent. of the total deaths recorded. The highest mortality from Pulmonary Disease was experienced in Glasgow, and the lowest in Perth. The percentage of the total deaths which was attributed to this Class of Diseases was, in Glasgow, 22·92 per cent.; in Dundee, 18·66; in Edinburgh, 17·73; in Aberdeen, 16·28; in Paisley, 15·79; in Greenock, 15·78; in Leith, 15·32; and in Perth, only 12·03. Out of every ten thousand persons in Glasgow, there died 71·5; in Dundee, 59·0; in Paisley, 45·2; in Edinburgh, 41·9; in Greenock, 40·4; in Leith, 38·1; in Aberdeen, 36·1; and in Perth, 31·8.

Brom Bronchitis alone, 4385 deaths occurred; from Pneumonia, 1475; from Pleurisy, 95; from Asthma, 155; from Laryngitis, 78; and from 'Disease of the Lungs' (not more particularly specified), 156.

Diseases of the Digestive System caused 1974 deaths, being 6·20 per cent. of the whole mortality, or 17·5 to every ten thousand of the population. The relative frequency of these diseases was least in Dundee, and greatest in the Towns of Greenock and Paisley.

Diseases of the Kidneys and Urinary System caused 470 Deaths. The relative mortality from these complaints was highest in Aberdeen and in Edinburgh, lowest in Paisley and in Glasgow.

Diseases of the Uterus (exclusive of Metria) caused 261 deaths; Diseases of the Bones and Joints, 183; Debility and Premature Birth, 1591; Skin Diseases, 33; Malformations, 71; Atrophy, 202; Sudden Death (not more strictly defined), 73; Violence or Privation, 1212. There were, besides, 1279 deaths referred to Old Age.

Of the Violent Deaths, 46 were cases of Suicide. Of the direct effects of Intemperance, there died 114 persons; or, if 29 deaths from Delirium Tremens be taken into account, it may be stated that 143 persons were poisoned by alcohol.

Thirteen persons were registered as having been at least 96 years of age at the period of their deaths. Of these, five were males, and their ages were, in two cases, 98 years, and in three cases, 97 years. Of the eight females, one, who was unmarried, had attained the age of 102; another, who was a widow, was of the same age; one female of unknown conjugal condition was 99; and another was 98; there were, likewise, two widows of the age of 98; and other two aged 96 years.

MARRIAGES IN THE EIGHT TOWNS.

10491 Marriages having been registered in the Eight Principal Towns during 1874, and the Population of these Towns estimated to the middle of that year being 1136154, it follows that the proportion of marriages has been 92 to every ten thousand persons, decidedly below the rate observed in 1872 and 1873, but just the mean rate deduced from the ten years' observations, 1864–73. There was, as usual, considerable difference in the marriage-rate of the various Towns, that of Aberdeen being lowest, and that of Glasgow highest. For every ten thousand persons, there were registered 98 marriages in Glasgow, 95 in Dundee, 94 in Leith, 92 in Paisley, 91 in Greenock, 86 in Edinburgh and in Perth, and 74 in Aberdeen.

WEATHER AND ITS INFLUENCE ON THE MORTALITY.

The popular idea that cold weather has much to do with the production of disease in Scotland has been amply confirmed by the careful comparison of the Death Registers with the Meteorological Observations made in various parts of the country. Multiplied experience shows that, when the temperature of any locality happens to fall materially below the average temperature of the season, and more especially if the transition be sudden and accompanied with much rain, and with the easterly and northerly winds which our invalids with too good reason dread, the great majority of the causes of death seem to acquire a temporary intensity, and the diffusion or fatality of epidemics is obviously promoted. Of course, extreme heat, likewise, is not without its influence on disease; but it is by the increase in the number of deaths from Diarrhœa and allied affections that this influence may be said to be exclusively manifested.

In endeavouring to trace the influence of temperature upon mortality, it would perhaps be well to avoid much reference to monthly and annual mean temperatures, or, at all events, not to attach much importance to the record of 'means' deduced from observations conducted in a variety of different localities, and combined so as to give an arithmetical result. It is quite conceivable that at two stations—say Aberdeen and Greenock—the most opposite meteorological conditions may during a month prevail not only as regards temperature, but as regards the force and direction of the winds, the amount of rainfall, and the humidity of the atmosphere; and yet these extremes in opposite directions may so balance each other that the monthly 'means' obtained by their combination may offer no peculiarity. A scientific inquirer in either locality would trace the fluctuations of the mortality to their source in connection with the variations of temperature; but, by the use of 'means' exhibiting the results of the combined observations, he could arrive at no very trustworthy opinion.

Still, as a rude approximation to the truth, Table XIII. has its value. By its means we attempt to exhibit for every month of 1874 the mean temperature, deduced from observations made at 55 different stations in Scotland, the actual number of deaths which occurred in each month, and the proportion of these which took place in each month equalized so as to embrace a period of 31 days. In the last two columns of the Table are exhibited the proportion of deaths, and the mean monthly temperature, deduced from observations made during the ten years 1855–64. In ordinary years, January and February are our coldest months, their

average temperature being 37°·2 and 37°·4 respectively. After these, we may rank December with a mean temperature of 38°·6, and March with 39°·8. But, in 1874, the month of December was by far the coldest month of the year, the mean temperature being only 30°·9, or more than 9½ degrees below the mean of ten previous Decembers. In order of coldness, February, with a temperature of 38°·8 came next, and was followed by January, with

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TABLE XIII.—Monthly Mortality and Mean Temperature in Scotland during 1874, compared with the Mean of the Ten Years 1855-1864.

	Year 1874.				1855–1864.	
Months.	Mean Temperature.	Actual Deaths.	Deaths when Months are equalized to 31 Days.	Proportion to 12,000 per Annum, or 1000 per Month.	Proportion.	Mean Temperature.
January	40°·5	6933	6933	1011	1134	37°·2
February	38·8	6604	7312	1068	1193	37·4
March	43·3	7238	7238	1056	1145	39·8
April	46·7	6811	7038	1027	1083	44·1
May	47·1	6455	6455	942	1010	49·5
June	54·8	6374	6586	961	956	55·6
July	59·4	6265	6265	914	895	57·6
August	55 9	6044	6044	882	856	57·3
September	52·8	5790	5983	873	843	52·8
October	46·5	6166	6166	900	858	47·2
November	41·1	6815	7042	1027	954	40·2
December	30·9	9181	9181	1339	1073	38·6
Year	46·5	80,676	82,243	12,000	12,000	46·7

TABLE XIV.—Meteorology of Scotland for 1874, deduced from Observations made at 55 Stations of the Meteorological Society of Scotland, the particulars for each of the Stations having been published in the Quarterly Reports of the Registrar-General; also, the Number of Births, Deaths, and Marriages registered during each Month of the Year 1874.

1874.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug	Sept.	Oct.	Nov	Dec.	Year
Highest Temp. in shade	55°·5	58°·0	63°·5	79° 0	76°·0	82°·0	87°·3	80°·5	70°·0	65°·0	61°·7	53°·0	87°·3
Lowest Temp. in do	15° 3	11°·0	13° 0	25° 0	25°·0	26°·0	36°·4	31°·0	31°·0	23° 2	20°·0	–1°·0	–1°·0
Mean Day Temp.	45°·4	44°·5	49°·3	54°·4	54° 2	64°·2	67°·3	63° 2	59°·3	55°·1	45°·9	36°·6	53°·1
Mean Night Temp	35°·5	33°·2	37°·3	39° 0	40°·0	45°·4	51°·6	48°·7	46°·2	39°·9	36°·4	25°·2	39°·9
Daily Range	9° 9	11°·3	12°·0	15°·4	14°·2	18°·8	15°·7	14°·6	13°·2	13°·2	9°·5	11°·4	13°·3
Mean Temperature	40°·5	38°·8	43°·3	46°·7	47°·1	54°·8	59°·4	55°·9	52°·8	46°·5	41°·1	30°·9	46°·5
Highest Temperature in sun	87°·1	91°·3	113°·8	121°·0	123° 0	131°·0	129°·0	127°·0	116°·3	110°·0	90°·0	76°·8	131° 0
Lowest on grass at night	21°·8	9°·2	9° 0	18°·2	15°·0	22°·0	29°·5	27°·0	23°·8	18°·2	12°·3	–6°·0	–6°·0
Wet-bulb Temperature	38°·7	36°·7	40°·7	43°·9	44°·4	51°·7	56°·3	53°·0	50°·3	44°·4	39°·3	29°·3	44°·1
Dew-point Temperature	36° 9	34°·8	38°·4	41°·2	41°·4	48°·4	53°·6	50°·6	48°·2	42°·4	37° 5	26°·3	41°·6
Humidity of Air	88	88	86	83	81	78	82	84	86	87	89	84	85
Elastic force of Vapour (inches)	0·216	0·2 2	0·233	0·258	0 262	0·341	0·413	0·370	0·338	0 272	0 225	0 143	0·273
Number of Rainy Days	18	11	16	13	12	9	14	20	19	17	17	13	179
Amount of Rain (inch.)	4·02	1·71	2 82	2·27	1·82	1·42	3·11	5·54	4·18	6·05	4·54	2·69	40·17
Amount of Cloud	6·3	5·9	6 2	5·9	6·6	4·9	6·1	6·2	6 6	5·8	6·6	5·4	6·0
Hours of Sunshine	74	103	138	179	170	277	239	188	145	140	78	84	1815
Mean Barometer (in.)	29·748	29·867	29·988	29·741	30·001	30·075	29·890	29·782	29·717	29·670	29·850	29·781	29·842
Easterly Winds (number of days)	1	6	4	6	15	7	5	5	4	3	8	9	73
Westerly Winds (do.)	25	14	20	18	8	16	18	19	18	21	15	12	204
Births	10339	9040	10458	10772	10712	10811	10780	9916	10006	10642	9890	10429	123795
Deaths	6933	6604	7238	6811	6455	6374	6265	6044	5790	6166	6815	9181	80676
Marriages	3596	1539	1642	1600	1142	3988	2497	1640	1445	1721	2467	2970	26247
Daily Births	334	323	337	359	346	360	348	320	334	343	330	336	339
Daily Deaths	224	236	233	227	208	212	202	195	193	199	227	296	221

40°·5; November, with 41°·1; and March, with 43°·3. The month of March then appears to have been unusually warm,—in fact, 3½ degrees warmer than the average of March 1855-64.

The year 1873 had closed with a by no means inclement December. In fact, the mean temperature of that month had been 42°·5, or 3°·9 above the ten years' average, and deaths had taken place at the rate of 217 per diem.

From the Astronomer-Royal's Notes appended to our Quarterly Returns, we have the means of gleaning the following particulars regarding the meteorological phenomena of each month of 1874, and of the average of the corresponding months of 1856–73:—

January 1874 was characterized by high mean temperature, heavy westerly and southerly winds, and a rainfall not much short of the average. The thermometer stood highest at the Southern and Western stations. The daily number of deaths was 224.

February showed a mean temperature very slightly exceeding the average. There was some frost, with east wind, recorded in the Principal Town stations about the 7th of the month. But, on the whole, the prevailing air-currents were from the south and west, and towards the end of the month a south-east gale caused considerable destruction on our East coast. The rainfall was far short of the average of former seasons. As might have been expected from the increasing cold of winter, the daily deaths rose to 236.

March was an unusually mild month, the mean temperature having exceeded the average by 3°·6, and having been the highest hitherto recorded in Scotland. The barometer stood high, and there was a full rainfall, with general prevalence of W.S.W. winds, and a very fair amount of sunshine. The genial influences indicated by these mean numbers were, however, either too partial, or continued for too short a time, materially to affect the daily rate of mortality, which continued to be 233 deaths per diem.

TABLE XV.—Showing the connection between certain Atmospheric Phenomena, especially Temperature, and the Deaths from certain Diseases and Classes of Disease, in the Eight Principal Towns of Scotland, during each Month of the Year 1874.

1874.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Mean Temperature	41°·0	40°·0	44°·1	47°·2	47°·3	55°·7	60°·2	57°·0	53°·9	47°·3	41°·9	31°·5
Highest Temperature	54°·3	56°·5	63°·5	70°·0	67°·5	75°·3	81°·3	80°·0	70°·0	65°·0	61°·7	51°·0
Lowest Temperature	26°·2	21°·0	20°·0	30°·0	25°·0	35°·0	44°·5	38°·6	36°·3	28°·9	25°·0	7°·0
Rainfall in inches	3·07	0·97	2·17	1·57	1·92	1·05	3·16	5·03	3·39	5·57	3·54	2·28
Easterly Winds (days)	2	6	4	6	20	9	6	6	4	4	8	8
Westerly Winds (days)	26	16	24	19	7	18	20	20	23	23	19	16
Total Deaths	2668	2464	2728	2636	2568	2464	2527	2413	2305	2536	2897	3906
Daily Deaths	86	88	88	88	83	82	82	78	77	82	97	126
Zymotic Diseases	612	535	585	522	541	613	667	758	748	881	860	800
Small-pox	70	41	65	60	41	25	14	10	5	4	13	8
Measles	80	49	45	36	41	51	62	32	24	22	20	26
Scarlatina	178	166	176	148	166	214	175	295	402	570	490	360
Diphtheria	36	36	29	35	16	20	21	20	18	34	13	28
Hooping-Cough	43	58	73	67	111	107	76	71	56	54	112	147
Croup	45	37	30	24	20	21	16	26	23	25	47	39
All Fevers	78	64	80	81	61	62	77	48	70	59	77	82
Diarrhœa	33	40	41	23	47	64	169	208	108	69	38	45
Dysentery	2	6	3	2	5	11	10	13	1	4	5	4
Cholera	1	1	1	–	1	3	10	6	3	3	–	–
Consumption	266	271	318	320	308	286	259	254	209	190	238	339
Diseases Respiratory Organs	560	528	552	539	527	433	337	276	271	406	657	1258
Heart, etc., Diseases	131	133	126	136	137	144	111	104	100	94	144	179
Brain, etc., Diseases	228	213	255	243	213	197	255	230	221	188	212	277
Debility and Premat. Birth	116	99	135	151	122	121	147	140	141	117	123	179
Age	122	114	105	99	103	106	81	79	88	74	106	202

April was likewise a remarkably fine month, with high mean temperature, considerable amount of westerly and southerly wind, average rainfall, and plenty of clear sunny weather. The daily deaths during the month were 227,—still slightly exceeding the death-rate observed in January.

May was far from a genial month. The mean temperature was fully two degrees below the average, there was much fog with cold northerly or north-east winds, a somewhat deficient rainfall, and prevalence of dull, cloudy weather. The mortality, however, which had no doubt been influenced by the fine April weather, continued to fall during May, and only amounted to 208 deaths a-day.

The weather in June was in no respect remarkable, except that, towards the end of the month, heavy rains and lightning were recorded at most of the meteorological stations throughout the country. The deaths were 212 per diem.

During July, the mean temperature was about 1°·9 above the average of the period 1856–73. There was more than the usual amount of clear sunshine, the rainfall was ample, and the prevailing breezes were from the south and west. The average daily number of deaths was 202.

In August, the mean temperature was below the average. The barometer, too, was low, the rainfall large, and the winds strong, without, however, any unusual preponderance of easterly or northerly gales. The mortality continued to fall, the deaths numbering 195 daily.

September, as regards mean temperature, was an average month. There was a full amount of rain. The atmospheric currents were chiefly from the south and west. The month was the most salubrious in the whole year, the daily number of deaths having been only 193.

October presented no marked peculiarity as to mean temperature. It was, however, a very wet month, and it was remarked that the amount of rainfall, everywhere great, was on the West coast three to four times that

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TABLE XVI.—Deaths, Temperatures, and Fall of Rain in the Eight Principal Towns of Scotland during each Week of the Year 1874.

No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches	No. of Week.	Week ending	Deaths.	Temperature.			Rain, in inches
			Mean.	Highest	Lowest.					Mean.	Highest	Lowest.	
			°	°	°					°	°	°	
1	January 3	615	39·0	51·8	27·0	0·82	27	July 4	517	59 0	75·0	42·0	1·24
2	10	624	40·0	49·0	26·9	0·34	28	11	544	58·9	76·2	44·5	0·08
3	17	645	40·9	53·2	30·1	1·09	29	18	539	61·6	81·4	44·3	0·56
4	24	608	40·9	52·8	28·6	0·86	30	25	643	61·2	81·0	46·1	1·25
5	31	572	43·6	54·0	26·2	0·24	31	August 1	587	58·6	76·0	44·4	0·44
6	February 7	582	41·5	52·6	29·2	0·11	32	8	550	56·7	71·5	42·0	0·97
7	14	621	36·6	56·5	21·0	0·19	33	15	557	56·1	66·2	46·0	3·19
8	21	650	40·6	52 5	27·0	0·36	34	22	549	59·3	78·0	42·0	0·24
9	28	611	41·1	52·3	29·0	0·35	35	29	545	57·6	80 0	38·6	0·60
10	March 7	627	44·2	56·4	28·0	0·28	36	September 5	518	55·4	69·0	37·0	1·26
11	14	613	38·3	55·0	20·0	0·29	37	12	512	52·9	66·0	38·0	1·04
12	21	635	46·4	61·0	32·0	0·94	38	19	546	51·4	65·4	33·0	0·64
13	28	591	47·1	63·5	27·0	0·44	39	26	561	54·9	67·5	41·9	1·28
14	April 4	609	43·7	55·8	30·0	1·77	40	October 3	530	52·1	65·5	42·0	1·25
15	11	638	43·8	55·7	32·0	0·41	41	10	558	47·9	59·3	33·5	1·16
16	18	623	43·9	61 0	31·0	0·26	42	17	567	48·6	63·0	33·3	1·83
17	25	609	53·1	69·0	33·0	0·07	43	24	571	47·0	65·0	32·0	2·01
18	May 2	593	49·9	70·0	32·0	0·03	44	31	628	44·5	58·7	28 9	0·15
19	9	573	44·2	64·5	31·0	0·39	45	November 7	668	45·7	58·1	27·5	0·74
20	16	619	44·1	60·6	25 0	0·29	46	14	645	43·1	61·7	27·0	0·35
21	23	571	48·9	67·5	32 0	0·07	47	21	672	41·8	53·3	31·0	0·53
22	30	631	51·5	66·3	40 0	1·30	48	28	689	37·5	49·0	25·0	1·15
23	June 6	573	57·5	74·4	40·5	0 12	49	December 5	714	37·8	50·0	25·0	1·55
24	13	573	53·6	70·0	35·0	0 16	50	12	759	34·9	50·7	22·5	1·07
25	20	547	56·0	76·2	38·0	0·00	51	19	840	32·2	47·0	16·0	0·33
26	27	535	55·9	71·0	41·0	0 65	52	26	888	29·7	51·0	12·1	0 19
							53	January 2	1096	26·5	45·4	5·0	0·74

which fell on the East coast. The barometer was low, and fluctuated exceedingly. The winds were high, and at times blew in strong gales from the south-west. The daily number of deaths did not, however, exceed 199.

In November, the mean temperature was above the average, the rainfall still excessive, the winds normal both in force and direction. The daily deaths, however, rose to 227.

December was the month which, in its meteorological features, was most exceptional. The mean temperature was only 30°·9, being 7°·5 below the mean of 1856–73, and 2°·5 below the average temperature of any December included within that period. The cold was more remarkable in the Southern than in the Northern parts of the country. It was associated with moderate north winds, a considerable amount of snow and rain, little cloud, and much clear sunshine. The deaths during this month became greatly increased in frequency, reaching the very high average of 296 per diem.

The influence of season upon the fatality of various diseases in our Eight Principal Towns may be traced by reference to Table XV. Similar information relative to the whole of Scotland cannot be epitomized till the materials for the Detailed Annual Report for 1874 have been collected and adjusted.

As regards the Principal Towns, it is at once made obvious by the Table that the cold of December—unprecedented since the institution of these Reports—was accompanied with a most marked increase in the number of deaths recorded. This increase was more particularly due to the fatality of Diseases of the Respiratory System, and of such complaints as Consumption and Hooping-cough, in which the symptons immediately referrible to the Respiratory System are of the highest importance. The Diseases of the Brain and Nervous System, Infantile Debility, and Senile Decay were likewise obviously influenced by the cold of December. Diseases of the Heart (which there is reason to believe were in very many instances associated with Pneumonia or Bronchitis) likewise carried off victims in larger numbers during December than in any other month.

Turning now to individual diseases, we find that deaths from Small-

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TABLE XVII.—Monthly Deaths at Four Periods of Life in the Eight Principal Towns of Scotland during the Year 1874, and proportion at each Age in every hundred Deaths per Month.

MONTHS.	Actual Number of Deaths in 1874.					Proportion at each Age in every Hundred Deaths per Month.				
	0–5 years.	5–20.	20–60.	60 and above.	Total Deaths.	0–5 years.	5–20.	20–60.	60 and above.	Total.
January . .	1041	285	865	477	2668	39·0	10·7	32·5	17·8	100·0
February . .	979	273	750	462	2464	39·7	11·1	30·4	18·8	100·0
March . . .	1061	331	882	454	2728	38·9	12·1	32·3	16·7	100·0
April . . .	1062	319	819	436	2636	40·3	12·1	31·1	16·5	100·0
May . . .	1005	333	791	439	2568	39·1	13·0	30·8	17·1	100·0
June . . .	1045	297	716	406	2464	42·4	12·0	29·1	16·5	100 0
July . . .	1168	315	669	375	2527	46·2	12·5	26·4	14·9	100 0
August . .	1134	300	635	344	2413	47·0	12·4	26·3	14·3	100 0
September .	1037	339	587	342	2305	45 0	14·7	25·5	14·8	100·0
October . .	1185	399	636	316	2536	46·7	15·7	25·1	12·5	100 0
November .	1332	410	717	438	2897	46·0	14·2	24·7	15·1	100 0
December .	1481	397	1198	830	3906	37·9	10·2	30·6	21·3	100 0
YEAR .	13,530	3,998	9,265	5,319	32,112	42·1	12·5	28·8	16·6	100·0

pox, upon the whole, decreased in frequency from January to December, and that deaths from Measles obeyed a somewhat similar law.

Scarlatina was prevailing rather extensively when the year set in. In January it caused 178 deaths; but by the end of April the mortality from this cause began to decrease. With the approach of Autumn the disease again assumed more formidable proportions, and during the last four months of the year caused 1822 deaths, whereof 402 occurred in September, 570 in October, 490 in November, and 360 in December.

Hooping-cough was most fatal in December, though it caused many deaths likewise in November, May, and June. In January, it had not prevailed to any great extent.

The mortality from Fevers had its minimum during August, when the deaths were 48. It had fluctuated a good deal from January up to this time, and continued to fluctuate till December, when it attained its maximum, causing 82 deaths.

The influence of warm weather upon the mortality from Bowel Complaints is illustrated by the deaths from Diarrhœa, Dysentery, and Cholera, which were only 25 in April, but 78 in June, 189 in July, 227 in August, and 112 in September, falling to 49 in December.

The Deaths from Consumption were 339 in December, when the extreme cold, no doubt, precipitated the fatal event in many cases, 320 during April, 318 during March, and 308 during the cold, ungenial, foggy month of May.

Diseases of the Respiratory System caused only 271 deaths in September; but, no doubt in consequence of the excessive rainfall of October, they numbered 406 in October, 657 in November, and no less than 1258 in December. It seems needless here to reiterate the trite popular doctrine which attributes to cold and wet the fatality if not the production of Bronchitis, Pneumonia, Pleurisy, etc. On referring to Table XV., it will be found that the deaths from Respiratory Disorders during the cold month of December 1874 far exceeded in number the deaths from the same causes during the *whole quarter* from 1st July to 1st October.

By means of Tables XVII. and XVIII., the attempt is made to show

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TABLE XVIII.—Months equalized to 31 days, and Deaths at each Age corrected thereto, in order to show the relative Mortality at each Age in the Eight Principal Towns during each Month of the Year 1874.

MONTHS.	Relative Number of Deaths in 1874.					Monthly Deaths, proportioned to 1000 per Month, or 12,000 per annum.
	0–5 years.	5–20.	20–60.	60 and above.	Total.	
January . . .	1041	285	865	477	2668	979
February . .	1084	302	830	512	2728	1000
March . . .	1061	331	882	454	2728	1000
April . . .	1097	330	846	451	2724	999
May . . .	1005	333	791	439	2568	942
June . . .	1080	307	740	419	2546	934
July . . .	1168	315	669	375	2527	927
August . . .	1134	300	635	344	2413	885
September . .	1072	350	607	353	2382	874
October . . .	1185	399	636	316	2536	930
November . .	1376	424	741	453	2994	1098
December . .	1481	397	1198	830	3906	1432
YEAR .	13,784	4,073	9,440	5,423	32,720	12,000

how the influence of season during 1874 affected, 1st, children under the age of five; 2d, adolescents between five and twenty years of age; 3d, adults between twenty and sixty; and 4th, aged persons whose years exceeded sixty.

To children under five, the cold December was the most fatal month. From the first column of Table XVIII., in which for convenience of comparison the months are equalized to 31 days, and a correction of the death-numbers introduced, it appears that there died 1481 children in December, 1376 in November, 1185 in October. The influence of hot weather in the production of Diarrhœa is traceable in the 1168 deaths which occurred in July, and in the 1134 which took place in August. The health of children seems to have been best preserved during January, when the deaths were 1041, and during May, when they were only 1005.

Adolescents, or those between the ages of five and of twenty years, suffered in largest proportion during November, when the deaths amounted to 424. It is curious to observe that even October, which though a wet month was not ungenial as regards temperature, was to adolescents more fatal than the unprecedentedly severe December. The deaths were, in November, 424; in October, 399; and in December, 397. January was to persons between the fifth and the twentieth year of life decidedly the most healthy month of the year, the deaths numbering only 285. In August, February, and June, the numbers of deaths registered were 300, 302, and 307 respectively.

Adults, between the ages of twenty and sixty years, died in largest numbers in December, when the deaths were 1198. March, January, April, and February were next in order of fatality, causing from 882 to 830 deaths. The cold easterly winds of May, too, appear to have made their lethal influence felt upon adults, for during this month there were registered 791 deaths among such adults. Next in order of fatality to such persons was November with 741 deaths, and June with 740. September furnished only 607 deaths, and was, as regards adults, the healthiest month of 1874.

Aged persons, that is to say, persons whose age exceeds sixty years, seem to have been severely tried by the cold weather in December. During that month the frequency of deaths among aged persons was, indeed, matter of popular remark, and a very cursory glance at the figures in the fourth column of Table XVIII. will show that the remark was well founded. The deaths of aged persons in December amounted to 830, while in February, the second month in point of fatality, the deaths were only 512. In January, they numbered 477, and in October, which was for old people the most salubrious month, only 316 deaths were recorded.

In short, the mortality at the four periods of life, contrasted in Table XVIII., was, during 1874, influenced by season in very different ways; and in connection with this subject, no circumstance is more remarkable than the extraordinary havoc which the cold of December seems to have committed, firstly, among those who, from age and consequent exhaustion of vitality, were liable to suffer from extreme diminution of atmospheric temperature; secondly, among the very young, whose delicate frames were not yet inured to the unfavourable influence of hard winter weather; and, thirdly, among the adult members of the population aged from 20 to 60, including, of course, the bulk of the labouring classes and of those whose daily duties and occupations caused them to be much exposed to the cold and wet.

TENTH ANNUAL REPORT

ON THE

VACCINATION OF CHILDREN

BORN IN SCOTLAND DURING 1873.

THE purpose of the following Report is to show what has been the proportion of the children born in Scotland during 1873 that has received the protection afforded by the working of the Scottish Vaccination Act, and likewise to point out the circumstances which it is believed prevent the benefits of vaccination from being universally diffused throughout the country. Although published along with the Report of the Births, Marriages, and Deaths of 1874, the Vaccination Report is necessarily confined

TABLE XIX.—VACCINATIONS in SCOTLAND, 1864–1873, and proportion to the Births each year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	TOTAL BIRTHS.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination.			
1864	Numbers .	95047	662	667	154	440	9180	2701	108851
1865	Numbers .	99648	719	474	34	207	9366	2622	113070
1866	Numbers .	100408	579	332	30	227	9433	2658	113667
1867	Numbers .	101139	670	233	16	151	9355	2480	114044
1868	Numbers .	102140	914	277	7	230	9440	2506	115514
1869	Numbers .	99265	966	177	17	174	10069	2773	113441
1870	Numbers .	101875	843	215	28	229	9724	2532	115446
1871	Numbers .	101923	841	241	142	175	10280	2582	116184
1872	Numbers .	104902	811	184	64	322	10325	2351	118959
1873	Numbers .	105177	1113	162	39	163	10527	2629	119810
10 Years.	Average .	101152·4	811·8	296·2	53·1	231·8	9769·9	2620·0	114935·2
1864	Percentage	87·313	0·608	0·613	0·142	0·404	8·438	2·481	100·000
1865	Percentage	88·130	0·636	0·419	0·030	0·183	8·283	2·319	100·000
1866	Percentage	88·335	0·510	0·292	0·026	0·200	8·299	2·338	100·000
1867	Percentage	88·684	0·587	0·204	0·014	0·132	8·203	2·176	100·000
1868	Percentage	88·423	0·791	0·240	0·005	0·199	8·172	2·170	100·000
1869	Percentage	87·504	0·852	0·156	0·015	0·153	8·876	2·444	100·000
1870	Percentage	88·246	0·730	0·186	0·024	0·198	8·423	2·193	100·000
1871	Percentage	87·726	0·724	0·208	0·122	0·150	8·848	2·222	100·000
1872	Percentage	88·183	0·682	0·155	0·054	0·271	8·679	1·976	100·000
1873	Percentage	87·786	0·930	0·135	0·033	0·136	8·786	2·194	100·000
10 Years.	Percentage	88·008	0·706	0·258	0·046	0·202	8·500	2·280	100·000

to the operation of the Act upon children born during 1873; for, the statutory period during which the Act permits the postponement of vaccination being six months, it of course follows that many children born during the later months of 1873 are not yet vaccinated, and that several months must elapse before the returns relative to the vaccinations of 1874 can be received and tabulated.

From the completed Returns relative to 1873, it is found that the number of children born in Scotland during that year was 119810. Of these children, 105177, or 87·786 per cent. of the total born, have been successfully vaccinated. In 1113 cases, or 0·93 per cent. of the births, the performance of the operation was, on medical authority, postponed. In 364 children, or 0·304 per cent. of the births, insusceptibility of vaccination was found to exist. The cause of this insusceptibility was in 162 cases reported as 'constitutional;' in 39 cases, it proceeded from the child having already had Small-pox; and, in 163 cases, from its having been previously vaccinated. 10527 children, or 8·786 per cent. of all born, died before the lapse of the statutory period during which vaccination is not compulsory. 2629 children, or 2·194 per cent. of the births, were removed from the districts in which they had been born before the compulsory powers of the Act could be applied, or from other circumstances, generally from the migratory habits of their parents, were lost sight of by the Registrars. It is necessary here to remark that during 1873 the number of cases in which vaccination was postponed has been unusually large, exceeding by 300 the number of postponements in 1872, and the average of the ten years, 1864–72.

In Table XX., the number of 10527 children who were born during

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TABLE XX.—VACCINATIONS in SCOTLAND, 1864–1873, deducting from the Births those who died before they could be Vaccinated, and giving the proportion of the Vaccinated to the surviving Births of each year.

Years.		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Removed from District before Vaccination, or otherwise unaccounted for.	TOTAL LIVING.
				From Constitutional Insusceptibility.	From having had Small-pox.	From previous Vaccination		
1864	Numbers .	95047	662	667	154	440	2701	99671
1865	Numbers .	99648	719	474	34	207	2622	103704
1866	Numbers .	100408	579	332	30	227	2658	104234
1867	Numbers .	101139	670	233	16	151	2480	104689
1868	Numbers .	102140	914	277	7	230	2506	106074
1869	Numbers .	99265	966	177	17	174	2773	103372
1870	Numbers .	101875	843	215	28	229	2532	105722
1871	Numbers .	101923	841	241	142	175	2582	105904
1872	Numbers .	104902	811	184	64	322	2351	108634
1873	Numbers .	105177	1113	162	39	163	2629	109283
10 Years.	Average .	101152·4	811·8	296·2	53·1	231·8	2620·0	105165·3
1864	Percentage	95·361	0·664	0·669	0·155	0·441	2·710	100·000
1865	Percentage	96·089	0·694	0·457	0·033	0·199	2·528	100·000
1866	Percentage	96·329	0·556	0·318	0·029	0·217	2·551	100·000
1867	Percentage	96·609	0·640	0·222	0·015	0·144	2·370	100·000
1868	Percentage	96·292	0·861	0·261	0·007	0·216	2·363	100·000
1869	Percentage	96·027	0·935	0·171	0·016	0·168	2·683	100·000
1870	Percentage	96·362	0·797	0·203	0·026	0·217	2·395	100·000
1871	Percentage	96·241	0·794	0·228	0·134	0·165	2·438	100·000
1872	Percentage	96·565	0·747	0·169	0·059	0·296	2·164	100·000
1873	Percentage	96·243	1·018	0·148	0·036	0·149	2·406	100·000
10 Years.	Percentage	96·184	0·772	0·282	0·051	0·220	2·491	100·000

1873, but who died unvaccinated, is excluded, and the attempt is made, by means of the remaining figures, to estimate the proportion of living children to whom the benefits of vaccination are, under the provisions of the Act, extended.

From this Table it appears that during 1873, out of 109283 alive six months after birth, 105177, or 96·243 per cent., were known to have been successfully vaccinated; that in 1113 cases, or in 1·018 per cent., vaccination was for various reasons postponed; that in 364 cases, or 0·333 per cent., insusceptibility was certified—such insusceptibility being due in 162 cases or 0·148 per cent., to constitutional peculiarity; in 39 cases, or 0·36 per cent., to a previous attack of Small-pox; and in 163 cases, or 0·149 per cent., to previous vaccination. In 2649 cases, *i.e.* in 2·406 per cent. of children who lived for six months after birth, there is no record of vaccination. Although the great proportion of these children were lost sight of by the Registrars before it became their duty to enforce the provisions of the Act, and although it cannot be positively asserted that none of such children have, after the lapse of the statutory period, had the operation of vaccination performed, it seems safest in such a Report as the present to regard them all as unvaccinated. Hence, we may compute that in 1873, 2·406 per cent. of children that lived for six months had, at the expiry of that period, not received the protection which vaccination affords. This proportion is small, and has not materially varied during the last ten years. It shows that due efforts are made by the Registrars efficiently to carry out the provisions of the Vaccination Act; and it is satisfactory to know that the humane intentions of the legislature secure the vaccination of 96·243 per cent. of children who survive their birth by six months. There are, however, two points in which it appears that the Vaccination Act might be amended. The number of postponements might, we think, be greatly diminished, and the number of those who escape vaccination might be proportionally reduced. As has been pointed out in former Reports, both these ends might be achieved by an enactment reducing the statutory period during which vaccination may be postponed from six to four months. In Scotland, there is but little of that unreasonable opposition to the practice of vaccination by which some opinionative men are elsewhere moved.

TABLE XXI.—Deaths from Small-pox in Scotland, 1855–1874.

YEARS.	Small-pox Deaths.	YEARS.	Small-pox Deaths.
1855	1309	1865	383
1856	1306	1866	200
1857	845	1867	100
1858	332	1868	15
1859	682	1869	64
1860	1495	1870	114
1861	766	1871	1442
1862	426	1872	2946*
1863	1646	1873	895*
1864	1741	1874	682*

* For 1872, 1873, and 1874, the Small-pox Deaths are estimated from the ascertained Small-pox Deaths in the Principal Towns, as compared with the Total Deaths in all Scotland during the seventeen years, 1855–1871.

But the greatest enemy to the practice is, in Scotland, the habit of procrastination existing among the lower classes of society. This habit, it is feared, prevents many parents from applying to the vaccinator till a reminder from the Registrar has been issued requiring them to have their children vaccinated. Such reminder is not issued till near the close of the sixth month after the registration of a child's birth, and it were much to be desired that it were far seldomer required. For, during the fifth and sixth months of life a number of infantile diseases are apt to show themselves, and to justify the postponement of vaccination, or even to prevent the full success of the operation. It is only necessary to allude to certain cutaneous disorders, and to the whole train of complaints included under the term 'disorders connected with teething.' There is, generally speaking, no objection whatever to the performance of vaccination on a child three months old. The very fact that the operation confers upon a child comparative immunity from the dangers of Small-pox should induce its parents to secure for it this immunity as soon as it can with prudence be obtained. If then, as is contemplated, the legislature should see fit to make four months instead of six months the limit after which vaccination shall become compulsory, there are good grounds for believing that the efficiency of the Scottish Vaccination Act would be greatly promoted.

In reference to the deaths from Small-pox which have occurred in Scotland, Table XXI. will be found of considerable interest. It will be seen that, since 1871 an epidemic of Small-pox has raged in Scotland, that the deaths which it occasioned were most numerous during 1872, but that for the last two years the mortality from this cause has greatly declined. 'But why,' it may be asked, 'should we now have epidemics of Small-pox? We have vaccination laws, and are accustomed to hear that these are of the most effective nature and carefully administered. How comes it, then, that Small-pox has, during the last few years, reappeared in a threatening form amongst us?' The reason has been alluded to in our former Reports, and in further illustration of it, we beg to call attention to the Annual Ten Years Average Table, which is presented at page 74 in the Appendix to the present Report. From the first line of that Table it is seen that 26,000 of the children born in Scotland during the last ten years are believed to have escaped the provisions of the Vaccination Act; that 97,699 have died (some of them, no doubt, of Small-pox) before the lapse of the period of six months after which vaccination becomes obligatory; and that 531 recovered from Small-pox before they became six months old, and that they were consequently found

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TABLE XXII.—SMALL-POX DEATHS in the Eight Principal Towns at different Ages in 1874, compared with those of the Ten years, 1855–1864, in the same Towns before the Vaccination Act came into operation.

AGES.	SMALL-POX DEATHS, 1874.		SMALL-POX DEATHS, 1855–1864.	
	Number.	Percentage at each Age.	Number.	Percentage at each Age.
0–5	89	25·00	4062	75·03
5–20	109	30·62	660	12·19
20–60	156	43·82	687	12·67
60 and above.	2	0·56	6	0·11
Total . .	356	100·00	5415	100·00

to be insusceptible to the influence of vaccination. Besides, there are notoriously living amongst us thousands of unvaccinated persons, who were born in Scotland before the Vaccination Act came into operation, or who have emigrated from foreign lands to this country. The late epidemic of Small-pox was not an unmixed evil; for the alarm which it created had the effect of inducing many persons who knew themselves to be unvaccinated to repair this imprudent omission, and the practice of revaccination was likewise extensively pursued. Our returns do not, however, enable us to give any accurate information regarding revaccinations or the vaccinations of adults. From what has been now said it is tolerably plain that materials for the spread of Small-pox still exist amongst us in undesirable profusion, and that it would be irrational to undervalue vaccination because it has not hitherto rendered the accumulation of such materials impossible.

The Scottish Vaccination Act applies only to children born in Scotland since the 1st day of January 1764. Reference to Table XXII. will at once illustrate the benefits which it has been the means of conferring. It is quite notorious that, before the days of Jenner, every epidemic of Small-pox cut off a very large proportion of the young. As Dr. Stark pointed out in his Report on Vaccination of 16th April 1874, of every 100 deaths from Small-pox, 60 to 70 used to occur among children under five years of age. Now-a-days, this mortality is, as our Table shows, reduced to 25 per cent. There is likewise good reason to believe that, by means of the slight amendment of the vaccination above alluded to, the protection afforded to children may be materially increased.

In Table XXI. we present a note of the number of deaths from Small-pox which have taken place in all Scotland during the last twenty years. It must, however, be observed that the numbers for 1872, 1873, and 1874 are not exact, but are estimated from the ascertained numbers of Small-pox Deaths in the Principal Towns. In forming such an estimate, it is assumed that the ratio between the number of deaths from Small-pox and deaths from all causes will not much differ in the Principal Towns and in the country at large.

Finally, it has been deemed expedient to introduce into this Report, for the first time, the Table at p. 74 of the Appendix, which will be found to give a sufficiently accurate view of the operation of the Vaccination Act during the ten years terminating with 1873. It is presented under the form of an Annual Average Statement for the whole of Scotland, and for each of its Eight Divisions and Thirty-three Counties.

I have the honour to be,

SIR,

Your most obedient Servant,

WILLIAM ROBERTSON, M.D.

STATISTICAL DEPARTMENT,
5th April 1875.

ABSTRACTS

OF THE

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN EVERY

COUNTY AND REGISTRATION DISTRICT

OF

SCOTLAND

IN

1874;

ALSO OF

THE VACCINATIONS

IN EVERY COUNTY AND DISTRICT

OF THE CHILDREN BORN IN

SCOTLAND

IN

1873.

I.—BIRTHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1874.

		Popula-tion.	BIRTHS.														
		1871.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Births.	Males	Fem.	Total Illegit. Births.
	SCOTLAND, -	3,360,018	10339	9040	10458	10772	10712	10811	10780	9916	10006	10642	9890	10429	123795	63642	60153	10837
	GROUPS OF DISTRICTS.																	
1	PRINCIPAL TOWNS, .	1,068,556	3565	3101	3604	3765	3494	3753	3723	3342	3561	3674	3430	3629	42641	21864	20777	3805
2	LARGE TOWNS, .	332,180	1232	1140	1316	1306	1326	1349	1325	1133	1230	1289	1221	1342	15209	7784	7425	974
3	SMALL TOWNS, .	772,229	2440	2198	2498	2607	2625	2508	2522	2458	2364	2531	2343	2453	29547	15264	14283	2430
4	MAINLAND-RURAL, .	1,055,049	2827	2331	2792	2853	3014	2932	2877	2683	2562	2826	2583	2673	32953	16922	16031	3430
5	INSULAB-RURAL, .	132,004	275	270	248	241	253	269	333	300	289	322	313	332	3445	1808	1637	198
	DIVISIONS.																	
1	NORTHERN, . .	127,191	254	206	214	254	257	267	286	287	292	284	271	287	3159	1658	1501	248
2	NORTH-WESTERN, .	166,351	398	342	360	334	300	355	414	323	354	393	392	361	4326	2259	2067	276
3	NORTH-EASTERN, .	393,199	1023	932	1061	1073	1084	1141	1127	1057	1026	1166	1038	1133	12861	6587	6274	1919
4	EAST-MIDLAND, .	559,676	1508	1366	1546	1599	1678	1680	1720	1554	1576	1688	1523	1589	19027	9787	9240	1746
5	WEST-MIDLAND, .	251,088	759	602	704	736	816	804	720	741	666	715	677	713	8653	4415	4238	626
6	SOUTH-WESTERN, .	1,183,218	4501	3932	4610	4799	4513	4553	4585	4079	4169	4422	4182	4484	52829	27245	25584	3817
7	SOUTH-EASTERN, .	475,523	1384	1203	1427	1462	1465	1464	1411	1354	1463	1432	1317	1371	16753	8500	8253	1345
8	SOUTHERN, . .	203,772	512	457	536	515	599	547	517	521	460	542	490	491	6187	3191	2996	860
	I. NORTHERN.																	
1	Shetland, . . .	31,608	41	41	43	35	68	66	80	65	74	73	62	72	720	376	344	34
2	Orkney, . . .	31,274	66	62	51	86	68	52	70	71	68	82	80	84	840	434	406	43
3	Caithness, . .	41,011	111	75	79	98	80	98	97	110	88	97	87	89	1109	582	527	135
4	Sutherland, . .	23,298	36	28	41	35	41	51	39	41	62	32	42	42	490	266	224	36
	II. NORTH-WESTERN.																	
5	Ross and Cromarty, .	82,093	180	167	174	164	115	178	230	155	161	212	175	157	2068	1086	982	89
6	Inverness, . .	84,258	218	175	186	170	185	177	184	168	193	181	217	204	2258	1173	1085	187
	III. NORTH-EASTERN.																	
7	Nairn, . . .	8,372	12	12	12	19	15	20	22	22	19	25	24	23	225	111	114	20
8	Elgin (or Moray), .	44,549	122	91	106	116	96	124	113	95	97	118	100	106	1284	631	653	211
9	Banff, . . .	58,883	136	137	142	164	176	178	182	145	136	180	125	168	1869	948	921	320
10	Aberdeen, . .	246,298	662	610	722	683	715	727	717	696	682	742	707	760	8423	4328	4095	1215
11	Kincardine, . .	35,097	91	82	79	91	82	92	93	99	92	101	82	76	1060	569	491	153
	IV. EAST-MIDLAND.																	
12	Forfar, . . .	240,049	687	659	716	738	749	794	831	713	768	784	698	751	8888	4591	4297	930
13	Perth, . . .	128,550	280	257	304	313	316	296	298	282	273	293	280	269	3461	1769	1692	349
14	Fife, . . .	160,924	448	373	454	452	496	494	494	479	459	508	469	486	5612	2881	2731	369
15	Kinross, . . .	7,918	24	15	11	21	27	17	20	11	20	17	15	15	213	116	97	18
16	Clackmannan, . .	22,235	69	62	61	75	90	79	77	69	56	86	61	68	853	430	423	80
	V. WEST-MIDLAND.																	
17	Stirling, . . .	93,345	325	255	320	342	330	347	325	329	290	329	311	340	3839	1972	1867	281
18	Dumbarton, . .	61,116	236	162	199	198	234	230	206	201	173	181	180	191	2391	1189	1202	145
19	Argyll, . . .	79,661	171	152	149	163	219	190	160	176	159	178	152	151	2020	1033	987	168
20	Bute, . . .	16,966	29	33	36	33	33	37	31	35	44	27	34	31	403	221	182	32
	VI. SOUTH-WESTERN.																	
21	Renfrew, . . .	195,305	657	584	726	688	669	752	721	605	614	711	627	660	8014	4171	3843	472
22	Ayr, . . .	200,908	723	646	747	795	688	716	689	633	644	660	650	709	8300	4330	3970	636
23	Lanark, . . .	787,005	3121	2702	3137	3316	3156	3085	3175	2841	2911	3051	2905	3115	36515	18744	17771	2709
	VII. SOUTH-EASTERN.																	
24	Linlithgow, . .	41,379	151	147	159	124	151	135	147	160	129	125	124	151	1703	875	828	144
25	Edinburgh, . .	328,138	961	816	995	1008	988	1029	977	940	1054	1014	932	951	11665	5873	5792	922
26	Haddington, . .	37,755	91	75	85	113	110	93	95	86	100	112	79	104	1143	610	533	86
27	Berwick, . . .	36,382	84	86	78	115	95	91	101	77	76	91	82	81	1057	551	506	100
28	Peebles, . . .	12,218	36	32	37	32	37	32	23	28	39	38	32	25	391	187	204	28
29	Selkirk, . . .	19,651	61	47	73	70	84	84	68	63	65	52	68	59	794	404	390	65
	VIII. SOUTHERN.																	
30	Roxburgh, . .	48,241	119	128	126	125	150	133	132	126	121	140	123	112	1535	793	742	171
31	Dumfries, . .	74,842	180	157	195	174	206	208	176	199	173	188	169	173	2198	1155	1043	325
32	Kirkcudbright, . .	42,087	111	81	107	106	133	111	109	106	91	112	107	108	1282	642	640	187
33	Wigtown, . .	38,602	102	91	108	110	110	95	100	90	75	102	91	98	1172	601	571	177

II.—DEATHS

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1874.

	Population.	DEATHS.														
	1871.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Deaths.	Males.	Fem.
SCOTLAND, -	3,360,018	6933	6604	7238	6811	6455	6374	6265	6044	5790	6166	6815	9181	80676	40680	39996
GROUPS OF DISTRICTS.																
1 PRINCIPAL TOWNS, . .	1,068,556	2668	2464	2728	2636	2569	2465	2526	2418	2305	2537	2882	3920	32118	16245	15873
2 LARGE TOWNS, . . .	332,180	883	795	941	868	775	816	760	704	724	725	847	1191	10029	5087	4942
3 SMALL TOWNS, . . .	772,229	1578	1499	1612	1431	1405	1404	1393	1387	1298	1338	1466	1932	17743	8939	8804
4 MAINLAND-RURAL, . .	1,055,049	1632	1675	1774	1673	1525	1516	1395	1377	1319	1402	1450	1859	18597	9333	9264
5 INSULAR-RURAL, . .	132,004	172	171	183	203	181	173	191	158	144	164	170	279	2189	1076	1113
DIVISIONS.																
1 NORTHERN, . . .	127,191	142	133	176	166	182	155	171	123	133	150	118	189	1838	845	993
2 NORTH-WESTERN, . .	166,351	253	230	255	256	240	236	224	205	211	225	248	353	2936	1417	1519
3 NORTH-EASTERN, . .	393,199	676	629	717	629	566	577	546	499	534	555	521	727	7176	3526	3650
4 EAST-MIDLAND, . .	559,676	1047	1055	1140	1094	1029	1015	1019	1069	994	1056	1098	1374	12990	6445	6545
5 WEST-MIDLAND, . .	251,088	509	483	522	482	445	459	471	418	419	444	494	621	5767	2953	2814
6 SOUTH-WESTERN, . .	1,183,218	2991	2840	3091	2946	2851	2790	2687	2636	2468	2672	3166	4346	35484	18226	17258
7 SOUTH-EASTERN, . .	475,523	926	850	946	902	869	809	821	786	792	804	875	1197	10577	5302	5275
8 SOUTHERN, . . .	203,772	389	384	391	336	273	333	326	308	239	260	295	374	3908	1966	1942
I. NORTHERN.																
1 Shetland, . . .	31,608	37	46	52	52	56	33	51	43	25	37	31	57	520	221	299
2 Orkney, ...	31,274	39	26	25	36	43	46	34	22	32	37	27	38	405	188	217
3 Caithness, . . .	41,011	42	28	59	50	54	49	56	39	49	49	35	57	567	267	300
4 Sutherland, . . .	23,298	24	33	40	28	29	27	30	19	27	27	25	37	346	169	177
II. NORTH-WESTERN.																
5 Ross and Cromarty, . .	82,093	112	109	121	112	107	103	104	110	115	141	145	200	1479	696	783
6 Inverness, . . .	84,258	141	121	134	144	133	133	120	95	96	84	103	153	1457	721	736
III. NORTH-EASTERN.																
7 Nairn, ...	8,372	19	14	22	12	16	6	14	8	8	13	13	7	152	79	73
8 Elgin (or Moray), . .	44,549	70	65	87	73	80	73	58	54	52	58	53	80	803	367	436
9 Banff, ...	58,883	67	80	90	72	82	79	74	62	81	92	69	90	938	466	472
10 Aberdeen, . . .	246,298	460	426	459	413	356	373	348	329	346	351	346	493	4700	2319	2381
11 Kincardine, . . .	35,097	60	44	59	59	32	46	52	46	47	41	40	57	583	295	288
IV. EAST-MIDLAND.																
12 Forfar, ...	240,049	507	471	559	495	528	512	547	559	522	560	552	675	6487	3166	3321
13 Perth, ...	128,550	206	250	224	214	189	183	197	221	195	234	215	277	2605	1286	1319
14 Fife, ...	160,924	274	272	301	329	252	275	232	259	243	226	286	354	3303	1687	1616
15 Kinross, ...	7,918	13	16	12	11	16	4	11	6	9	10	12	16	136	80	56
16 Clackmannan, . . .	22,235	47	46	44	45	44	41	32	24	25	26	33	52	459	226	233
V. WEST-MIDLAND.																
17 Stirling, ...	93,345	191	183	195	178	181	186	196	148	156	195	211	236	2256	1170	1086
18 Dumbarton, . . .	61,116	158	141	167	124	129	141	119	131	125	107	129	196	1667	846	821
19 Argyll, ...	79,661	122	119	125	146	100	101	114	113	114	111	114	151	1430	736	694
20 Bute, ...	16,966	38	40	35	34	35	31	42	26	24	31	40	38	414	201	213
VI. SOUTH-WESTERN.																
21 Renfrew, ...	195,305	492	419	456	435	414	411	380	391	359	330	414	595	5096	2576	2520
22 Ayr, ...	200,908	474	464	457	408	386	391	348	383	340	384	423	540	4998	2526	2472
23 Lanark, ...	787,005	2025	1957	2178	2103	2051	1988	1959	1862	1769	1958	2329	3211	25390	13124	12266
VII. SOUTH-EASTERN.																
24 Linlithgow, . . .	41,379	78	65	82	67	59	54	53	51	51	55	50	79	744	388	356
25 Edinburgh, . . .	328,138	691	624	700	710	664	614	607	581	580	609	657	912	7949	3964	3985
26 Haddington, . . .	37,755	50	57	48	38	67	65	66	71	75	65	73	74	749	377	372
27 Berwick, ...	36,382	48	57	53	47	34	35	53	46	41	42	49	63	568	288	280
28 Peebles, ...	12,218	15	17	20	15	17	12	19	13	12	10	17	15	182	86	96
29 Selkirk, ...	19,651	44	30	43	25	28	29	23	24	33	23	29	54	385	199	186
VIII. SOUTHERN.																
30 Roxburgh, . . .	48,241	77	73	69	70	53	69	59	78	39	51	46	74	758	389	369
31 Dumfries, . . .	74,842	151	146	178	124	108	124	139	115	108	95	130	164	1582	809	773
32 Kirkcudbright, . .	42,087	86	73	73	75	62	68	71	65	37	57	59	71	797	390	407
33 Wigtown, . . .	38,602	75	92	71	67	50	72	57	50	55	57	60	65	771	378	393

III.—MARRIAGES

REGISTERED IN SCOTLAND DURING EACH MONTH OF THE YEAR 1874.

		Population.		MARRIAGES.												
		1861	1871	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Total.
	SCOTLAND, -	3,062,294	3,360,018	3596	1539	1642	1600	1142	3988	2497	1640	1445	1721	2467	2970	26247
	GROUPS OF DISTRICTS.															
1	PRINCIPAL TOWNS, . .	884,955	1,068,556	1463	593	685	692	438	1606	1080	679	620	679	970	986	10491
2	LARGE TOWNS, . .	272,540	332,180	418	153	165	192	153	423	327	248	205	202	305	259	3050
3	SMALL TOWNS, . .	700,474	772,229	871	355	360	340	233	848	505	358	338	421	513	624	5766
4	MAINLAND-RURAL, . .	1,067,560	1,055,049	737	347	362	339	293	1082	559	331	252	396	640	983	6321
5	INSULAR-RURAL, . .	136,765	132,004	107	91	70	37	25	29	26	24	30	23	39	118	619
	DIVISIONS.															
1	NORTHERN, . . .	130,422	127,191	89	69	53	29	47	40	36	25	34	31	52	106	611
2	NORTH-WESTERN, . .	167,242	166,351	122	91	65	41	28	75	65	28	29	50	66	125	785
3	NORTH-EASTERN, . .	366,870	393,199	247	119	111	103	135	415	237	151	130	230	235	405	2518
4	EAST-MIDLAND, . .	523,822	559,676	622	216	235	242	206	717	335	276	209	225	460	514	4257
5	WEST-MIDLAND, . .	242,487	251,088	227	93	91	107	57	251	172	98	92	91	124	195	1598
6	SOUTH-WESTERN, . .	1,008,273	1,183,218	1653	669	755	731	445	1652	1235	753	711	754	1046	1060	11464
7	SOUTH-EASTERN, . .	413,116	475,523	512	204	255	283	163	627	316	238	182	262	350	387	3779
8	SOUTHERN, . . .	210,062	203,772	124	78	77	64	61	211	101	71	58	78	134	178	1235
	I. NORTHERN.															
1	Shetland, . . .	31,670	31,608	27	19	12	3	4	2	2	6	10	5	19	35	144
2	Orkney, . . .	32,395	31,274	21	23	20	10	17	14	13	7	11	2	13	28	179
3	Caithness, . . .	42,200	41,011	27	11	12	13	23	15	16	9	10	17	13	30	196
4	Sutherland, . . .	24,157	23,298	14	16	9	3	3	9	5	3	3	7	7	13	92
	II. NORTH-WESTERN.															
5	Ross and Cromarty, . .	82,427	82,093	56	40	29	17	15	29	28	7	5	33	37	61	357
6	Inverness, . . .	84,815	84,258	66	51	36	24	13	46	37	21	24	17	29	64	428
	III. NORTH-EASTERN.															
7	Nairn, ...	8,347	8,372	3	3	3	1	4	6	3	1	2	3	4	5	38
8	Elgin (or Moray), . .	44,305	44,549	19	8	8	15	9	45	18	10	17	33	15	47	244
9	Banff, ...	56,020	58,883	33	11	22	11	15	55	30	17	19	48	40	58	359
10	Aberdeen, . . .	223,417	246,298	167	81	69	74	95	274	165	103	80	118	154	245	1625
11	Kincardine, . . .	34,781	35,097	25	16	9	2	12	35	21	20	12	28	22	50	252
	IV. EAST-MIDLAND.															
12	Forfar, ...	206,750	240,049	312	114	99	122	113	414	145	143	107	128	165	232	2094
13	Perth, ...	133,198	128,550	100	36	52	49	29	124	61	44	31	31	88	127	772
14	Fife, ...	155.021	160,924	191	56	72	57	58	153	106	77	62	61	171	142	1206
15	Kinross, ...	8,731	7,918	3	2	3	3	1	6	6	1	3	0	16	3	47
16	Clackmannan, . . .	20,122	22,235	16	8	9	11	5	20	17	11	6	5	20	10	138
	V. WEST-MIDLAND.															
17	Stirling, ...	88,138	93,345	116	44	43	46	25	117	62	60	48	41	63	78	743
18	Dumbarton, . . .	54,179	61,116	61	25	25	28	17	71	64	20	25	21	43	55	455
19	Argyll, ...	83,859	79,661	41	20	15	22	9	50	39	13	14	18	15	48	304
20	Bute, ...	16,311	16,966	9	4	8	11	6	13	7	5	5	11	3	14	96
	VI. SOUTH-WESTERN.															
21	Renfrew, ...	168,746	195,305	278	108	106	112	51	229	200	142	108	121	153	116	1724
22	Ayr, ...	199,083	200,908	238	108	129	113	77	287	128	136	112	136	168	190	1822
23	Lanark, ...	640,444	787,005	1137	453	520	506	317	1136	907	475	491	497	725	754	79
	VII. SOUTH-EASTERN.															
24	Linlithgow, . . .	39,045	41,379	57	20	18	25	11	39	30	17	7	17	26	32	299
25	Edinburgh, . . .	273,792	328,138	382	157	199	199	121	473	233	187	147	200	271	292	2861
26	Haddington, . . .	37,626	37,755	30	10	12	18	21	39	22	9	4	15	23	20	223
27	Berwick, ...	36,488	36,382	15	9	11	25	5	37	15	10	11	11	9	24	182
28	Peebles, ...	11,264	12,218	8	3	3	2	3	15	7	4	5	4	7	9	70
29	Selkirk, ...	14,901	19,651	20	5	12	14	2	24	9	11	8	15	14	10	144
	VIII. SOUTHERN.															
30	Roxburgh, . . .	49,568	48,241	28	16	22	22	19	44	30	21	12	16	31	42	303
31	Dumfries, ...	75,904	74,842	47	25	26	17	28	86	38	24	23	27	42	72	455
32	Kirkcudbright, . . .	42,680	42,087	25	14	19	13	5	47	18	12	8	14	32	36	243
33	Wigtown, . . .	41,910	38,602	24	23	10	12	9	34	15	14	15	21	29	28	234

IV.—Total DEATHS from all Causes at Four Periods of Life in the Eight Principal Towns of Scotland.—Year 1874.

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
ALL CAUSES	13530	3998	9265	5319	32112
SPECIFIED CAUSES	13387	3974	9177	5314	31852
DISEASES:—					
I. Zymotic Class	5091	1804	991	236	8122
II. Dropsy, Cancer, and others of uncertain seat	85	77	536	355	1053
III. Tubercular Class	1376	954	2264	119	4713
IV. Of Brain, etc.	849	258	795	830	2732
V. Of Heart, etc.	17	84	874	564	1539
VI. Of Resp. Organs	2887	345	1789	1323	6344
VII. Of Digest. Organs	989	113	591	281	1974
VIII. Of Kidneys, etc.	32	68	247	123	470
IX. Of Uterus, etc.	–	14	241	6	261
X. Of Joints, Bones, etc.	10	65	77	31	183
XI. Of Skin, etc.	14	5	10	4	33
XII. Malformations	71	–	–	–	71
XIII. Debility from Premature Birth	1591	–	–	–	1591
XIV. Atrophy	75	21	106	–	202
XV. Age	–	–	–	1279	1279
XVI. Sudden	16	4	34	19	73
XVII. Violence, Privation, etc.	284	162	622	144	1212
I. Small-pox	89	109	156	2	356
Measles	452	31	4	1	488
Scarlatina	2108	1176	54	2	3340
Diphtheria	216	75	12	3	306
Hooping-Cough	924	49	1	1	975
Croup	318	33	2	–	353
Thrush	9	–	–	–	9
Diarrhœa	682	31	68	104	885
Dysentery	17	5	19	25	66
Cholera	14	6	5	4	29
Influenza	8	3	6	10	27
Purpura; Scurvy	2	4	8	–	14
Ague	–	–	3	1	4
Worms	3	–	–	–	3
Typhus Fever	22	77	238	24	361
Enteric Fever	65	161	171	22	419
Relapsing Fever	1	3	3	3	10
Simple Cont. Fever	8	6	1	4	19
Infant. Rem. Fever	24	6	–	–	30
Metria	–	7	107	–	114
Rheumatic Fever	4	10	39	4	57
Erysipelas	40	8	65	24	137
Pyæmia	1	4	13	–	18
Syphilis	79	–	15	1	95
Noma	5	–	1	1	7
Hydrophobia	–	–	–	–	–
II. Hæmorrhage	10	6	29	11	56
Dropsy	41	54	136	105	336
Abscess	17	14	38	13	82
Ulcer	3	–	13	10	26
Fistula	–	–	7	1	8
Mortification	6	1	11	25	43
Cancer	8	2	301	185	496
Gout	–	–	1	5	6
III. Scrofula	105	79	56	4	244
Tabes Mesenterica	312	90	18	2	422
Phthisis	282	679	2184	113	3258
Hydrocephalus	677	106	6	–	789

CAUSES OF DEATH.	AGES. 0–5	5–20	20–60	Above 60	Total.
IV. Cephalitis	202	80	47	8	337
Apoplexy	89	40	237	226	592
Paralysis	6	8	239	479	732
Delirium Tremens	–	1	24	4	29
Chorea	1	1	2	–	4
Epilepsy	1	10	49	13	73
Tetanus	5	1	2	–	8
Insanity	2	–	22	8	32
Convulsions	456	33	8	–	497
Dis. of Brain, etc.	87	84	165	92	428
V. Pericarditis	2	9	13	2	26
Aneurism	–	1	46	7	54
Dis. of Heart, etc.	15	74	815	555	1459
VI. Laryngitis	50	6	18	4	78
Bronchitis	2233	174	984	994	4385
Pleurisy	3	16	48	28	95
Pneumonia	558	133	589	195	1475
Asthma	–	–	78	77	155
Dis. of Lungs, etc.	43	16	72	25	156
VII. Teething	442	–	–	–	442
Quinsey	17	5	2	2	26
Gastritis	53	4	24	7	88
Enteritis	234	43	66	20	363
Peritonitis	11	17	67	16	111
Ascites	3	1	5	5	14
Ulcer. of Intest.	3	3	35	9	50
Hernia	2	1	23	18	44
Ileus	35	4	35	15	89
Intussusception	2	1	2	2	7
Strict. of Intest.	–	–	4	–	4
Dis. of Stomach	124	19	93	68	304
Dis. of Pancreas	–	–	–	–	–
Hepatitis	8	2	33	16	59
Jaundice	32	2	24	21	79
Dis. of Liver	23	11	176	82	292
Dis. of Spleen	–	–	2	–	2
VIII. Nephritis	16	20	27	2	65
Nephria	4	20	94	24	142
Addison's Disease	–	–	–	–	–
Ischuria	1	–	3	7	11
Diabetes	–	4	29	3	36
Stone	–	1	4	14	19
Cystitis	–	1	7	17	25
Strict. of Urethra	–	–	7	1	8
Dis. of Kidneys	11	22	76	55	164
IX. Paramenia	–	1	5	1	7
Ovarian Dropsy	–	–	18	3	21
Childbirth	–	11	188	–	199
Dis. of Uterus	–	2	30	2	34
X. Arthritis	3	6	9	3	21
Rheumatism	1	11	33	23	68
Dis. of Joints, etc.	6	48	35	5	94
XI. Carbuncle	1	1	3	2	7
Phlegmon	–	–	3	–	3
Dis. of Skin	13	4	4	2	23
XVII. Intemperance	–	2	95	17	114
Privation of Food	1	–	–	–	1
Wt. Breast-milk	69	–	–	–	69
Neglect	4	–	–	–	4
Cold	1	–	2	1	4
Poison	5	2	12	4	23
Poisoned Wounds	–	1	1	1	3
Burns and Scalds	59	23	25	15	122
Hanging, etc.	1	–	16	7	24
Suffocation	92	3	12	2	109
Drowning	12	36	121	13	182
Fractures & Contus.	27	75	285	72	459
Gunshot Wounds	–	2	5	–	7
Cuts and Stabs	2	1	16	2	21
Other Vio. Causes	11	17	32	10	70
Not specified	143	24	88	5	260

V.—DEATHS from all Causes at Four Periods of Life Year 1874.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
All Causes . . .	7173	2062	4550	2056	15841	1739	472	1614	1180	5005	1987	607	1019	556	4169	715	222	557	572	2066
Specified Causes . .	7113	2053	4493	2052	15711	1720	468	1607	1179	4974	1965	605	1011	556	4137	711	221	554	572	2058
Diseases :—																				
I. Zymotic Class .	2678	886	435	81	4080	591	189	167	42	989	894	338	121	30	1383	253	89	77	38	457
II. Dropsy, Cancer, and others of uncertain seat	33	42	228	120	423	20	15	111	103	249	9	8	68	29	114	7	6	30	45	88
III. Tubercular Class	744	525	1058	47	2374	195	104	403	20	722	130	113	276	13	532	55	61	156	15	287
IV. Of Brain, etc .	434	120	347	275	1176	125	41	155	208	529	133	36	88	80	337	60	20	49	83	212
V. Of Heart, etc. .	8	44	381	175	608	5	12	190	158	365	3	9	89	61	162	–	6	59	71	136
VI. Of Resp. Organs .	1641	214	1100	647	3602	363	39	230	250	882	402	36	189	145	772	136	14	70	115	335
VII. Of Digest. Organs	602	65	278	120	1065	99	15	123	63	300	60	14	54	21	149	72	2	30	33	137
VIII. Of Kidneys, etc. .	14	31	109	31	185	5	12	57	34	108	8	11	20	11	50	3	9	27	26	65
IX. Of Uterus, etc. .	–	6	127	2	135	–	3	32	3	38	–	2	17	–	19	–	1	18	–	19
X. Of Joints, Bones, etc.	4	36	43	15	98	3	13	16	6	38	1	5	5	3	14	–	6	8	1	15
XI. Of Skin, etc. .	4	2	3	1	10	3	2	–	2	7	1	–	5	1	7	1	–	–	–	1
XII. Malformations .	22	–	–	–	22	14	–	–	–	14	17	–	–	–	17	9	–	–	–	9
XIII. Debility from Premature Birth .	750	–	–	–	750	235	–	–	–	235	258	–	–	–	258	89	–	–	–	89
XIV. Atrophy . .	41	8	48	–	97	4	5	21	–	30	8	3	17	–	28	2	1	4	–	7
XV. Age . . .	–	–	–	460	460	–	–	–	263	263	–	–	–	147	147	–	–	–	133	133
XVI. Sudden . . .	10	1	26	12	49	3	–	2	1	6	3	2	2	3	10	–	–	–	1	1
XVII. Violence, Privation, etc. .	128	73	310	66	577	55	18	100	26	199	38	28	60	12	138	24	6	26	11	67
I. Small-pox . .	49	64	99	–	212	2	1	4	–	7	2	3	1	–	6	6	9	13	2	30
Measles . . .	258	14	–	–	272	87	4	3	–	94	33	4	–	–	37	58	8	1	1	68
Scarlatina . .	1052	575	25	–	1652	136	116	5	1	258	558	273	13	–	844	38	28	5	–	71
Diphtheria . .	94	36	5	1	136	49	11	5	1	66	42	7	–	–	49	7	4	–	–	11
Hooping-Cough .	654	38	1	1	694	103	6	–	–	109	56	2	–	–	58	43	–	–	–	43
Croup . . .	124	18	1	–	143	56	4	–	–	60	29	1	–	–	30	31	2	–	–	33
Thrush . . .	–	–	–	–	–	2	–	–	–	2	1	–	–	–	1	5	–	–	–	5
Diarrhœa . .	299	12	28	41	380	96	4	15	15	130	134	9	8	10	161	53	3	5	15	76
Dysentery .	11	1	8	5	25	3	1	2	4	10	2	2	2	7	13	–	1	–	4	5
Cholera . . .	6	2	5	1	14	3	–	–	1	4	–	–	–	1	1	–	1	–	–	1
Influenza . .	3	3	3	4	13	5	–	2	3	10	–	–	–	–	–	–	–	1	3	4
Purpura; Scurvy .	2	2	4	–	8	–	–	1	–	1	–	–	1	–	1	–	1	1	–	2
Ague . . .	–	–	3	–	3	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Worms . . .	2	–	–	–	2	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–
Typhus Fever .	10	22	77	5	114	5	21	68	6	100	4	13	49	4	70	1	9	15	3	28
Enteric Fever .	42	82	69	9	202	10	19	32	4	65	6	18	12	3	39	2	13	19	3	37
Relapsing Fever .	–	3	2	2	7	–	–	–	–	–	1	–	1	1	3	–	–	–	–	–
Simple Cont. Fever	5	5	–	–	10	2	1	–	2	5	–	–	1	1	2	–	–	–	–	–
Infant. Rem. Fever	10	1	–	–	11	4	1	–	–	5	1	–	–	–	1	4	4	–	–	8
Metria . . .	–	–	42	–	42	–	–	12	–	12	–	3	18	–	21	–	1	7	–	8
Rheumatic Fever .	1	4	13	2	20	3	–	10	1	14	–	1	5	–	6	–	2	4	1	7
Erysipelas . .	20	2	35	9	66	7	–	3	3	13	5	1	8	2	16	2	3	2	6	13
Pyæmia . . .	–	2	6	–	8	1	–	2	–	3	–	1	2	–	3	–	–	2	–	2
Syphilis . .	32	–	9	1	42	17	–	2	–	19	19	–	–	–	19	3	–	2	–	5
Noma . . .	4	–	–	–	4	–	–	1	–	1	–	–	–	1	1	–	–	–	–	–
Hydrophobia .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Hæmorrhage .	2	1	15	5	23	4	3	6	4	17	1	–	6	–	7	1	1	1	2	5
Dropsy . . .	20	33	60	48	161	7	8	17	22	54	4	7	23	7	41	3	2	1	5	11
Abscess . . .	3	7	18	6	34	8	3	6	2	19	2	1	1	–	4	1	2	1	1	5
Ulcer . . .	1	–	6	2	9	–	–	2	1	3	–	–	2	1	3	1	–	1	5	7
Fistula . . .	–	–	4	–	4	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–
Mortification .	2	–	2	5	9	–	–	2	13	15	1	–	2	2	5	1	1	–	3	5
Cancer . . .	5	1	123	51	180	1	1	78	60	140	1	–	34	18	53	–	–	25	29	54
Gout . . .	–	–	–	3	3	–	–	–	1	1	–	–	–	–	–	–	–	1	–	1
III. Scrofula . .	42	37	20	–	99	16	15	10	–	41	7	7	10	–	24	2	5	5	2	14
Tabes Mesenterica	180	59	9	1	249	41	6	3	–	50	28	5	1	–	34	13	6	1	–	20
Phthisis . .	197	389	1026	46	1658	20	69	388	20	497	26	77	264	13	380	10	40	150	13	213
Hydrocephalus .	325	40	3	–	368	118	14	2	–	134	69	24	1	–	94	30	10	–	–	40

Year 1874.

CAUSES OF DEATH.	GREENOCK.					PAISLEY.					LEITH.					PERTH.					Grand Total.
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	
ALL CAUSES	637	214	587	251	1689	489	163	425	311	1388	560	169	328	197	1254	230	89	185	196	700	32112
SPECIFIED CAUSES	628	210	584	251	1673	473	161	417	311	1362	556	167	327	197	1247	221	89	184	196	690	31852
DISEASES:—																					
I. Zymotic Class	176	74	81	14	345	170	70	55	18	313	221	100	36	5	362	108	58	19	8	193	8122
II. Dropsy, Cancer, and others of uncertain seat	8	5	33	15	61	6	–	24	26	56	2	1	29	10	42	–	–	13	7	20	1053
III. Tubercular Class	91	59	117	10	277	63	52	115	6	236	74	27	85	4	190	24	13	54	4	95	4713
IV. Of Brain, etc.	40	23	62	45	170	29	4	38	60	131	24	10	33	38	105	4	4	23	41	72	2732
V. Of Heart, etc.	–	4	56	26	86	–	6	35	19	60	1	2	39	28	70	–	1	25	26	52	1539
VI. Of Resp. Organs	117	23	78	46	264	86	6	67	56½	215	110	8	36	37	191	32	5	19	27	83	6344
VII. Of Digest. Organs	63	5	42	9	119	53	6	32	9	100	29	5	20	12	66	11	1	12	14	38	1974
VIII. Of Kidneys, etc.	2	2	15	3	22	–	1	11	3	15	–	1	6	8	15	–	1	2	7	10	470
IX. Of Uterus, etc.	–	–	16	–	16	–	1	12	1	14	–	1	16	–	17	–	–	3	–	3	261
X. Of Joints, Bones, etc.	1	1	2	3	7	1	3	1	2	7	–	1	1	–	2	–	–	1	1	2	183
XI. Of Skin, etc.	3	1	2	–	6	1	–	–	–	1	1	–	–	–	1	–	–	–	–	–	33
XII. Malformations	6	–	–	–	6	3	–	–	–	3	–	–	–	–	–	–	–	–	–	–	71
XIII. Debility from Premature Birth	97	–	–	–	97	48	–	–	–	48	77	–	–	–	77	37	–	–	–	37	1591
XIV. Atrophy	5	1	8	–	14	6	2	1	–	9	6	1	3	–	10	3	–	4	–	7	202
XV. Age	–	–	–	71	71	–	–	–	101	101	–	–	–	46	46	–	–	–	58	58	1279
XVI. Sudden	–	1	3	2	6	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	73
XVII. Violence, Privation, etc.	19	11	69	7	106	7	10	26	10	53	11	10	22	9	52	2	6	9	3	20	1212
I. Small-pox	10	8	22	–	40	20	24	16	–	60	–	–	1	–	1	–	–	–	–	–	356
Measles	5	1	–	–	6	1	–	–	–	1	9	–	–	–	9	1	–	–	–	1	488
Scarlatina	61	37	2	1	101	71	33	–	–	104	120	74	2	–	196	72	40	2	–	114	3340
Diphtheria	15	2	–	1	18	6	5	1	–	12	2	4	–	–	6	1	6	1	–	8	306
Hooping-Cough	11	–	–	–	11	27	–	–	–	27	19	–	–	–	19	11	3	–	–	14	975
Croup	20	1	–	–	21	20	2	–	–	22	26	3	–	–	29	12	2	1	–	15	353
Thrush	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	9
Diarrhœa	38	1	4	7	50	20	–	4	10	34	35	2	4	3	44	7	–	–	3	10	885
Dysentery	–	–	3	2	5	–	–	3	3	6	–	–	1	–	1	1	–	–	–	1	66
Cholera	3	2	–	–	5	–	–	–	–	–	2	1	–	1	4	–	–	–	–	–	29
Influenza	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27
Purpura; Scurvy	–	–	–	–	–	–	1	1	–	2	–	–	–	–	–	–	–	–	–	–	14
Ague	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
Worms	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Typhus Fever	1	3	12	2	18	–	1	2	1	4	–	6	7	1	14	1	2	8	2	13	361
Enteric Fever	2	14	19	–	35	–	3	11	1	15	2	7	8	–	17	1	5	1	2	9	419
Relapsing Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
Simple Cont. Fever	1	–	–	–	1	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	19
Infant. Rem. Fever	2	–	–	–	2	2	–	–	–	2	1	–	–	–	1	–	–	–	–	–	30
Metria	–	1	10	–	11	–	–	8	–	8	–	2	8	–	10	–	–	2	–	2	114
Rheumatic Fever	–	1	2	–	3	–	1	1	–	2	–	1	2	–	3	–	–	2	–	2	57
Erysipelas	1	2	6	1	10	2	–	7	2	11	3	–	3	–	6	–	–	1	1	2	137
Pyæmia	–	1	1	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	18
Syphilis	6	–	–	–	6	–	–	1	–	1	1	–	–	–	1	1	–	1	–	2	95
Noma	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	7
Hydrophobia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Hæmorrhage	1	1	1	–	3	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	56
Dropsy	6	3	10	4	23	1	–	12	12	25	–	1	12	6	19	–	–	1	1	2	336
Abscess	–	1	5	3	9	2	–	3	1	6	1	–	3	–	4	–	–	1	–	1	82
Ulcer	–	–	–	–	–	1	–	–	–	1	–	–	1	1	2	–	–	1	–	1	26
Fistula	–	–	1	–	1	–	–	1	–	1	–	–	1	–	1	–	–	–	–	–	8
Mortification	1	–	2	1	4	1	–	1	1	3	–	–	1	–	1	–	–	1	–	1	43
Cancer	–	–	14	6	20	–	–	7	12	19	1	–	11	3	15	–	–	9	6	15	496
Gout	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6
III. Scrofula	20	6	5	1	32	2	4	3	1	10	13	4	2	–	19	3	1	1	–	5	244
Tabes Mesenterica	14	3	1	1	19	13	5	3	–	21	15	3	–	–	18	8	3	–	–	11	422
Phthisis	18	40	111	8	177	8	39	109	5	161	1	17	83	4	105	2	8	53	4	67	3258
Hydrocephalus	39	10	–	–	49	40	4	–	–	44	45	3	–	–	48	11	1	–	–	12	789

DEATHS from all Causes at Four Periods of Life
Year 1874.

CAUSES OF DEATH.	GLASGOW.					EDINBURGH.					DUNDEE.					ABERDEEN.				
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.
IV. Cephalitis	113	36	19	–	168	38	15	14	4	71	27	13	4	2	46	7	7	1	1	16
Apoplexy	44	21	101	70	236	9	3	42	56	110	17	5	33	26	81	–	1	13	16	30
Paralysis	3	2	108	161	274	1	3	38	113	155	2	1	35	46	84	–	1	9	51	61
Delirium Tremens	–	1	10	2	13	–	–	6	1	7	–	–	3	1	4	–	–	1	–	1
Chorea	1	1	1	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Epilepsy	1	5	23	6	35	–	2	9	4	15	–	–	2	–	2	–	2	4	1	7
Tetanus	1	–	2	–	3	3	–	–	–	3	–	–	–	–	–	–	–	–	–	–
Insanity	2	–	8	6	16	–	–	7	–	7	–	–	–	–	–	–	–	5	2	7
Convulsions	222	18	4	–	244	57	3	1	–	61	82	3	–	–	85	47	2	1	–	50
Dis. of Brain, etc.	47	36	71	30	184	17	15	38	30	100	5	14	11	5	35	6	7	15	12	40
V. Pericarditis	1	5	6	1	13	1	1	2	1	5	–	2	–	–	2	–	1	–	–	1
Aneurism	–	–	19	1	20	–	1	16	2	19	–	–	–	–	–	–	–	5	3	8
Dis. of Heart, etc.	7	39	356	173	575	4	10	172	155	341	3	7	89	61	160	–	5	54	68	127
VI. Laryngitis	27	3	9	–	39	6	1	6	3	16	4	1	1	–	6	5	1	1	1	8
Bronchitis	1261	115	628	503	2507	268	15	102	157	542	331	20	108	108	567	114	6	35	95	250
Pleurisy	2	9	26	10	47	–	5	11	11	27	–	1	4	1	6	–	–	1	2	3
Pneumonia	325	77	337	86	825	78	13	83	47	221	66	14	70	30	180	17	7	24	11	59
Asthma	–	–	55	36	91	–	–	9	23	32	–	–	4	4	8	–	–	6	6	12
Dis. of Lungs, etc.	26	10	45	12	93	11	5	19	9	44	1	–	2	2	5	–	–	3	–	3
VII. Teething	258	–	–	–	258	30	–	–	–	30	32	–	–	–	32	46	–	–	–	46
Quinsey	8	3	1	–	12	1	1	1	1	4	2	–	–	–	2	1	–	–	1	2
Gastritis	47	4	12	1	64	2	–	–	–	2	2	–	1	1	4	–	–	1	3	4
Enteritis	156	27	40	11	234	25	4	7	3	39	9	5	4	–	18	4	1	2	–	7
Peritonitis	4	6	21	2	33	1	3	18	6	28	2	2	10	3	17	2	–	3	1	6
Ascites	1	–	2	1	4	–	–	1	1	2	1	1	1	2	5	1	–	–	–	1
Ulcer. of Intest.	1	–	13	2	16	2	–	11	3	16	–	1	1	1	3	–	1	6	–	7
Hernia	1	1	13	9	24	–	–	5	3	8	–	–	1	2	3	1	–	–	3	4
Ileus	24	2	14	5	45	5	2	5	3	15	1	–	6	–	7	3	–	8	4	15
Intussusception	1	–	1	1	3	–	1	–	1	2	1	–	–	–	1	–	–	1	–	1
Strict. of Intest.	–	–	–	–	–	–	–	2	–	2	–	–	1	–	1	–	–	–	–	–
Dis. of Stomach	78	12	40	36	166	19	3	22	11	55	5	3	9	3	20	3	–	3	10	16
Dis. of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hepatitis	4	1	22	11	38	2	–	2	1	5	2	–	4	1	7	–	–	–	–	–
Jaundice	9	1	11	7	28	5	–	8	7	20	2	–	2	4	8	10	–	–	1	11
Dis. of Liver	10	8	88	34	140	7	1	41	23	72	1	2	13	4	20	1	–	5	10	16
Dis. of Spleen	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	1	–	1
VIII. Nephritis	11	7	20	–	38	2	2	3	–	7	3	8	1	–	12	–	1	1	–	2
Nephria	–	9	38	7	54	1	4	23	7	35	2	3	14	1	20	1	4	9	6	20
Addison's Disease	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ischuria	–	–	1	2	3	–	–	–	2	2	1	–	–	–	1	–	–	1	2	3
Diabetes	–	2	11	1	14	–	2	6	–	8	–	–	3	1	4	–	–	3	–	3
Stone	–	–	2	3	5	–	–	2	4	6	–	–	–	2	2	–	1	–	2	3
Cystitis	–	–	3	3	6	–	–	–	5	5	–	–	–	2	2	–	–	1	–	1
Strict. of Urethra	–	–	4	1	5	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–
Dis. of Kidneys	3	13	30	14	60	2	4	21	16	43	2	–	2	5	9	2	3	12	16	33
IX. Paramenia	–	1	–	–	1	–	–	2	1	3	–	–	–	–	–	–	–	1	–	1
Ovarian Dropsy	–	–	7	1	8	–	–	5	2	7	–	–	–	–	–	–	–	2	–	2
Childbirth	–	5	97	–	102	–	3	24	–	27	–	1	15	–	16	–	1	13	–	14
Dis. of Uterus	–	–	23	1	24	–	–	1	–	1	–	1	2	–	3	–	–	2	–	2
X. Arthritis	1	4	5	–	10	–	–	1	2	3	1	1	–	–	2	–	1	2	1	4
Rheumatism	1	8	23	12	44	–	–	5	3	8	–	1	2	3	6	–	1	2	–	3
Dis. of Joints, etc.	2	24	15	3	44	3	13	10	1	27	–	3	3	–	6	–	4	4	–	8
XI. Carbuncle	1	–	1	–	2	–	–	–	1	1	–	–	2	1	3	–	–	–	–	–
Phlegmon	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–
Disease of Skin	3	2	2	1	8	3	2	–	1	6	1	–	2	–	3	1	–	–	–	1
XVII. Intemperance	–	1	51	9	61	–	–	20	5	25	–	–	12	–	12	–	–	3	2	5
Privation of Food	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Wt. Breast-milk	34	–	–	–	34	15	–	–	–	15	5	–	–	–	5	11	–	–	–	11
Neglect	3	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cold	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	1	–	1	1	3
Poison	4	2	7	2	15	–	–	3	2	5	1	–	–	–	1	–	–	–	–	–
Poisoned Wounds	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	1	–	–	1
Burns and Scalds	23	8	11	2	44	9	2	8	3	22	12	8	3	2	25	1	1	1	2	5
Hanging, etc.	–	–	6	2	8	–	–	5	–	5	1	–	3	3	7	–	–	–	–	–
Suffocation	42	1	7	2	52	15	2	2	–	19	16	–	–	–	16	9	–	2	–	11
Drowning	3	15	57	7	82	2	2	2	–	6	1	6	13	1	21	2	2	8	1	13
Fractures	16	40	141	33	230	4	10	49	14	77	1	10	26	5	42	–	1	8	5	14
Gunshot Wounds	–	1	1	–	2	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Cuts and Stabs	–	–	7	–	7	2	–	6	–	8	–	–	1	1	2	–	–	1	–	1
Other Vio. Causes	2	5	21	8	36	8	2	3	2	15	1	4	2	–	7	–	1	2	–	3
Not specified	60	9	57	4	130	19	4	7	1	31	22	2	8	–	32	4	1	3	–	8

Year 1874.

CAUSES OF DEATH.	GREENOCK.					PAISLEY.					LEITH.					PERTH.					Grand Total.
	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	0–5	5–20	20–60	60,etc.	Total.	
IV. Cephalitis	15	5	4	–	24	–	–	1	1	2	2	1	1	–	4	–	3	3	–	6	337
Apoplexy	4	4	23	22	53	13	4	6	16	39	1	2	12	8	23	1	–	7	12	20	592
Paralysis	–	1	18	19	38	–	–	13	36	49	–	–	12	28	40	–	–	6	25	31	732
Delirium Tremens	–	–	2	–	2	–	–	–	–	–	–	–	1	–	1	–	–	1	–	1	29
Chorea	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	4
Epilepsy	–	1	2	1	4	–	–	6	1	7	–	–	3	–	3	–	–	–	–	–	73
Tetanus	–	1	–	–	1	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	8
Insanity	–	–	1	–	1	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	32
Convulsions	15	5	1	–	21	13	–	–	–	13	19	2	–	–	21	1	–	1	–	2	497
Dis. of Brain, etc.	6	6	11	3	26	2	–	11	6	19	2	5	3	2	12	2	1	5	4	12	428
V. Pericarditis	–	–	–	–	–	–	–	3	–	3	–	–	2	–	2	–	–	–	–	–	26
Aneurism	–	–	1	1	2	–	–	1	–	1	–	–	3	–	3	–	–	1	–	1	54
Dis. of Heart, etc.	–	4	55	25	84	–	6	31	19	56	1	2	34	28	65	–	1	24	26	51	1459
VI. Laryngitis	3	–	1	–	4	1	–	–	–	1	1	–	–	–	1	3	–	–	–	3	78
Bronchitis	80	10	41	35	166	69	3	44	47	163	83	5	17	28	133	27	–	9	21	57	4385
Pleurisy	1	–	2	–	3	–	–	1	1	2	–	1	1	3	5	–	–	2	–	2	95
Pneumonia	29	12	32	9	82	16	3	18	5	42	25	2	17	4	48	2	5	8	3	18	1475
Asthma	–	–	–	–	–	–	–	4	3	7	–	–	–	2	2	–	–	–	3	3	155
Dis. of Lungs, etc.	4	1	2	2	9	–	–	–	–	–	1	–	1	–	2	–	–	–	–	–	156
VII. Teething	29	–	–	–	29	35	–	–	–	35	8	–	–	–	8	4	–	–	–	4	442
Quinsey	1	–	–	–	1	–	–	–	–	–	3	1	–	–	4	1	–	–	–	1	26
Gastritis	1	–	3	–	4	–	–	3	1	4	1	–	3	1	5	–	–	1	–	1	88
Enteritis	24	2	5	1	32	10	1	7	2	20	3	2	–	2	7	3	1	1	1	6	363
Peritonitis	1	2	11	3	17	1	2	1	–	4	–	2	2	1	5	–	–	1	–	1	111
Ascites	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	14
Ulcer. of Intest.	–	–	–	–	–	–	1	2	–	3	–	–	1	1	2	–	–	1	2	3	50
Hernia	–	–	2	1	3	–	–	1	–	1	–	–	1	–	1	–	–	–	–	–	44
Ileus	–	–	–	2	2	–	–	–	–	–	1	–	2	1	4	1	–	–	–	1	89
Intussusception	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
Strict. of Intest.	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
Dis. of Stomach	4	–	5	–	9	3	1	4	–	8	10	–	6	4	20	2	–	4	4	10	304
Dis. of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hepatitis	–	1	–	–	1	–	–	3	1	4	–	–	2	–	2	–	–	–	2	2	59
Jaundice	3	–	2	–	5	2	1	1	2	6	1	–	–	–	1	–	–	–	–	–	79
Dis. of Liver	–	–	13	2	15	2	–	10	3	15	2	–	3	2	7	–	–	3	4	7	292
Dis. of Spleen	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2
VIII. Nephritis	–	–	2	1	3	–	–	–	–	–	–	1	–	1	2	–	1	–	–	1	65
Nephria	–	–	5	2	7	–	–	2	–	2	–	–	3	–	3	–	–	–	1	1	142
Addison's Disease	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ischuria	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	1	1	11
Diabetes	–	–	2	–	2	–	–	1	–	1	–	–	1	–	1	–	–	2	1	3	36
Stone	–	–	–	–	–	–	–	–	2	2	–	–	–	1	1	–	–	–	–	–	19
Cystitis	–	–	1	–	1	–	1	2	–	3	–	–	–	3	3	–	–	–	4	4	25
Strict. of Urethra	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8
Dis. of Kidneys	2	2	4	–	8	–	–	5	1	6	–	–	2	3	5	–	–	–	–	–	164
IX. Paramenia	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
Ovarian Dropsy	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–	–	1	–	1	21
Childbirth	–	–	13	–	13	–	1	9	–	10	–	–	15	–	15	–	–	2	–	2	199
Dis. of Uterus	–	–	1	–	1	–	–	–	1	1	–	1	1	–	2	–	–	–	–	–	34
X. Arthritis	–	–	–	–	–	1	–	–	–	1	–	–	1	–	1	–	–	–	–	–	21
Rheumatism	–	–	1	2	3	–	1	–	2	3	–	–	–	–	–	–	–	–	1	1	68
Dis. of Joints, etc.	1	1	1	1	4	–	2	1	–	3	–	1	–	–	1	–	–	1	–	1	94
XI. Carbuncle	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7
Phlegmon	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Disease of Skin	3	–	–	–	3	1	–	–	–	1	1	–	–	–	1	–	–	–	–	–	23
XVII. Intemperance	–	–	4	–	4	–	–	2	1	3	–	1	3	–	4	–	–	–	–	–	114
Privation of Food	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Wt. Breast-milk	2	–	–	–	2	1	–	–	–	1	1	–	–	–	1	–	–	–	–	–	69
Neglect	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
Cold	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
Poison	–	–	1	–	1	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	23
Poisoned Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Burns and Scalds	6	–	1	1	8	4	3	1	–	8	3	–	–	3	6	1	1	–	2	4	122
Hanging, etc.	–	–	–	–	–	–	–	2	1	3	–	–	–	1	1	–	–	–	–	–	24
Suffocation	4	–	–	–	4	2	–	1	–	3	4	–	–	–	4	–	–	–	–	–	109
Drowning	3	5	25	–	33	–	2	7	1	10	–	1	7	2	10	1	3	2	1	7	182
Fractures	3	5	36	6	50	–	2	11	6	19	3	6	9	3	21	–	1	5	–	6	459
Gunshot Wounds	–	–	–	–	–	–	1	1	–	2	–	–	1	–	1	–	–	1	–	1	7
Cuts and Stabs	–	–	1	–	1	–	–	–	1	1	–	1	–	–	1	–	–	–	–	–	21
Other Vio. Causes	–	1	1	–	2	–	2	1	–	3	–	1	1	–	2	–	1	1	–	2	70
Not specified	9	4	3	–	16	16	2	8	–	26	4	2	1	–	7	9	–	1	–	10	260

VI.—DEATHS from all Causes in the Eight Principal Towns

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
ALL CAUSES	2668	2464	2728	2636	2568	2464	2527	2413	2305	2536	2897	3906	32112
SPECIFIED CAUSES	2640	2446	2709	2616	2547	2441	2507	2400	2295	2511	2870	3870	31852
DISEASES:—													
I. Zymotic Class	612	535	585	522	541	613	667	758	748	881	860	800	8122
II. Dropsy, Cancer, and others of uncertain seat	95	82	99	89	89	81	86	76	75	88	79	114	1053
III. Tubercular Class	391	385	459	454	471	423	392	373	299	288	338	440	4713
IV. Of Brain, Nerves, etc.	228	213	255	243	213	197	255	230	221	188	212	277	2732
V. Of Heart, etc.	131	133	126	136	137	144	111	104	100	94	144	179	1539
VI. Of Respiratory Organs	560	528	552	539	527	433	337	276	271	406	657	1258	6344
VII. Of Digestive Organs	163	142	157	168	139	145	229	167	162	166	148	188	1974
VIII. Of Kidneys, etc.	41	43	47	43	32	34	33	38	34	39	42	44	470
IX. Of Uterus, viz. Puerperal Disease, etc.	26	23	28	25	13	12	17	8	21	22	28	38	261
X. Of Joints, Bones, viz. Rheumatism, etc.	12	19	19	20	13	12	17	13	13	16	14	15	183
XI. Of Skin, etc.	6	1	5	4	2	4	3	2	1	1	2	2	33
XII. Malformations	3	8	6	7	4	5	7	7	7	8	6	3	71
XIII. Debility from Premature Birth, etc.	116	99	135	151	122	121	147	140	141	117	123	179	1591
XIV. Atrophy	15	18	14	12	24	20	23	11	10	20	8	27	202
XV. Age	122	114	105	99	103	106	81	79	88	74	106	202	1279
XVI. Sudden	9	7	2	4	5	6	6	11	3	4	3	13	73
XVII. Violence, Privation, etc.	110	96	115	100	112	85	96	107	101	99	100	91	1212
I. Small-pox	70	41	65	60	41	25	14	10	5	4	13	8	356
Measles	80	49	45	36	41	51	62	32	24	22	20	26	488
Scarlatina	178	166	176	148	166	214	175	295	402	570	490	360	3340
Diphtheria	36	36	29	35	16	20	21	20	18	34	13	28	306
Hooping-cough	43	58	73	67	111	107	76	71	56	54	112	147	975
Croup	45	37	30	24	20	21	16	26	23	25	47	39	353
Thrush	1	–	1	1	–	2	3	1	–	–	–	–	9
Diarrhœa	33	40	41	23	47	64	169	208	108	69	38	45	885
Dysentry	2	6	3	2	5	11	10	13	1	4	5	4	66
Cholera	1	1	1	–	1	3	10	6	3	3	–	–	29
Influenza	1	2	–	2	3	4	2	–	1	1	4	7	27
Purpura	2	1	1	1	3	1	1	–	2	–	1	1	14
Ague	1	–	1	1	–	–	–	–	–	–	1	–	4
Worms	–	–	–	–	–	–	1	–	–	–	–	2	3
Typhus Fever	45	22	37	40	19	31	29	18	35	22	28	35	361
Enteric Fever	31	36	36	37	34	28	39	29	29	33	46	41	419
Relapsing Fever	–	–	1	1	1	1	3	–	1	1	–	1	10
Simple Continued Fever	1	1	–	1	3	1	3	–	2	3	1	3	19
Infantile Remitt. Fever	1	5	6	2	4	1	3	1	3	–	2	2	30
Metria	11	10	5	13	6	12	4	5	7	9	12	20	114
Rheumatic Fever	4	5	6	6	5	3	3	6	11	2	1	5	57
Erysipelas	18	10	14	9	6	6	13	6	11	17	12	15	137
Pyæmia	–	–	–	3	–	1	–	–	1	4	3	6	18
Syphilis	7	9	14	8	9	6	9	10	5	3	10	5	95
Noma (or Canker)	1	–	–	2	–	–	1	1	–	1	1	–	7
Hydrophobia	–	–	–	–	–	–	–	–	–	–	–	–	–
II. Hæmorrhage	2	10	3	3	5	4	7	–	5	5	7	5	56
Dropsy	23	30	30	23	26	29	24	27	27	31	26	40	336
Abscess	6	8	5	11	7	5	6	9	7	6	3	9	82
Ulcer	3	1	5	3	1	3	1	1	1	2	2	3	26
Fistula	–	1	–	3	3	–	–	–	–	1	–	–	8
Mortification	9	6	3	1	1	2	4	4	4	1	2	6	43
Cancer	52	25	53	45	43	38	43	34	31	42	39	51	496
Gout	–	1	–	–	3	–	1	1	–	–	–	–	6
III. Scrofula	24	18	21	22	20	23	24	21	14	22	21	14	244
Tabes Mesenterica	22	29	40	34	59	40	38	37	32	31	21	39	422
Phthisis	266	271	318	320	308	286	259	254	209	190	238	339	3258
Hydrocephalus	79	67	80	78	84	74	71	61	44	45	58	48	789

CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
IV. Cephalitis	22	30	33	33	26	26	33	31	26	24	24	29	337
Apoplexy	51	38	54	56	48	42	62	50	55	43	40	53	592
Paralysis	66	56	66	60	54	39	65	62	61	45	67	91	732
Delirium Tremens	2	1	2	3	4	2	3	4	2	3	1	2	29
Chorea	1	–	–	–	2	–	–	–	–	–	–	1	4
Epilepsy	11	9	7	4	4	7	4	9	2	6	3	7	73
Tetanus	1	–	1	–	–	1	1	1	–	1	–	2	8
Insanity	3	1	4	1	2	3	2	4	3	3	3	3	32
Convulsions	42	45	51	51	39	35	50	34	36	32	41	41	497
Disease of Brain, etc.	29	33	37	35	34	42	35	35	36	31	33	48	428
V. Pericarditis	3	3	2	2	4	3	1	2	3	–	1	2	26
Aneurism	8	3	5	5	4	1	1	5	9	3	4	6	54
Disease of Heart, etc.	120	127	119	129	129	140	109	97	88	91	139	171	1459
VI. Laryngitis	7	12	10	5	5	5	1	3	2	3	16	9	78
Bronchitis	391	380	393	370	349	276	218	171	187	264	478	908	4385
Pleurisy	7	7	12	8	8	9	5	9	2	8	7	13	95
Pneumonia	128	105	113	131	135	124	89	83	65	114	136	252	1475
Asthma	18	16	15	11	12	4	6	2	4	6	13	48	155
Disease of Lungs	9	8	9	14	18	15	18	8	11	11	7	28	156
VII. Teething	44	24	37	51	32	38	52	33	35	28	30	38	442
Quinsey	2	2	2	3	2	–	2	1	4	3	2	3	26
Gastritis	12	4	7	10	4	6	10	6	5	9	6	9	88
Enteritis	27	35	17	24	19	19	63	44	32	27	23	33	363
Peritonitis	14	4	8	14	6	7	8	8	11	8	14	9	111
Ascites	–	–	4	–	3	2	–	3	1	–	1	–	14
Ulceration of Intest.	4	5	5	4	3	2	5	5	3	5	6	3	50
Hernia	1	–	4	3	6	3	4	2	3	5	5	8	44
Ileus	7	9	6	12	9	5	7	7	4	10	5	8	89
Intussception	2	2	3	–	–	–	–	–	–	–	–	–	7
Stricture of Intest. Canal	1	–	–	–	–	–	–	–	2	–	–	1	4
Disease of Stomach	20	22	31	17	25	21	46	30	18	28	21	25	304
Disease of Pancreas	–	–	–	–	–	–	–	–	–	–	–	–	–
Hepatitis	7	2	–	5	5	6	3	2	6	6	11	6	59
Jaundice	5	6	6	6	5	9	5	7	9	7	6	8	79
Disease of Liver	17	27	26	19	20	27	23	19	29	30	18	37	292
Disease of Spleen	–	–	1	–	–	–	1	–	–	–	–	–	2
VIII. Nephritis	4	3	4	8	3	10	6	7	7	5	3	5	65
Nephria	16	13	14	13	12	9	11	15	5	8	11	15	142
Addison's Disease	–	–	–	–	–	–	–	–	–	–	–	–	–
Ischuria	2	1	1	2	3	–	–	–	1	–	–	1	11
Diabetes	3	4	4	3	3	4	2	4	3	2	2	2	36
Stone	2	5	1	2	–	2	2	2	–	2	1	–	19
Cystitis	1	–	2	2	1	2	2	1	1	4	4	5	25
Stricture of Urethra	–	2	1	1	–	1	1	1	–	1	–	–	8
Disease of Kidneys	13	15	20	12	10	6	9	8	17	17	21	16	164
IX. Paramenia	1	1	–	1	1	–	1	–	–	–	–	2	7
Ovarian Dropsy	–	4	5	2	1	2	1	–	2	1	2	1	21
Childbirth	22	15	18	19	10	8	15	6	17	20	21	28	199
Disease of Uterus	3	3	5	3	1	2	–	2	2	1	5	7	34
X. Bone Diseases	1	1	1	2	2	2	1	4	–	3	1	3	21
Rheumatism	6	9	7	6	4	5	9	2	4	7	5	4	68
Disease of Joints, etc.	5	9	11	12	7	5	7	7	9	6	8	8	94
XI. Carbuncle	–	1	3	–	–	–	2	–	–	–	–	1	7
Phlegmon	2	–	–	–	1	–	–	–	–	–	–	–	3
Disease of Skin	4	–	2	4	1	4	1	2	1	1	2	1	23
XVII. Intemperance	12	7	11	10	16	8	5	8	12	7	10	8	114
Privation of Food	–	–	–	1	–	–	–	–	–	–	–	–	1
Want of Breast-milk	3	3	2	4	5	3	12	15	6	10	2	4	69
Neglect	–	–	–	–	2	–	–	–	–	1	–	1	4
Cold	–	1	–	1	–	–	–	–	–	–	1	1	4
Poison	2	1	1	4	2	2	3	2	3	–	2	1	23
Poisoned Wounds	–	–	1	–	–	–	–	1	–	–	–	1	3
Burns and Scalds	9	12	13	13	8	6	–	5	10	11	11	24	122
Hanging, etc.	–	1	–	3	2	5	1	3	3	3	3	–	24
Suffocation	19	10	12	8	7	9	10	5	6	8	7	8	109
Drowning	18	17	19	7	19	12	13	12	16	12	29	8	182
Fractures	41	33	43	41	40	31	41	49	34	43	31	32	459
Gunshot Wounds	–	–	1	1	2	1	–	1	–	–	–	1	7
Cuts and Stabs	2	–	5	2	3	1	3	3	2	–	–	–	21
Other Violent Causes	4	11	7	5	6	7	8	3	9	4	4	2	70
Causes not specified	28	18	19	20	21	23	20	13	10	25	27	36	260

VII.—BIRTHS IN THE EIGHT TOWNS—1874.

MALE BIRTHS.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Male Births.
Glasgow,	887	705	887	974	849	889	923	809	825	879	852	864	10343
Edinburgh,	285	260	284	307	261	303	286	288	328	283	290	280	3455
Dundee,	195	196	219	210	216	216	232	195	238	228	213	216	2574
Aberdeen,	131	128	137	123	122	141	129	123	142	146	155	154	1631
Greenock,	129	105	135	140	108	149	120	108	100	128	112	131	1465
Paisley,	86	69	93	71	72	90	86	49	80	79	87	71	933
Leith,	86	82	66	77	91	103	97	75	86	103	80	86	1032
Perth,	38	31	32	26	36	35	42	31	45	36	38	36	426
Total, 1874,	1837	1576	1853	1928	1755	1926	1915	1678	1844	1882	1827	1838	21859
Total, 1873,	1927	1635	1921	1793	1932	1751	1816	1625	1746	1790	1530	1758	21224
Total, 1872,	1961	1668	1755	1975	1879	1712	1868	1601	1625	1823	1735	1803	21405
Total, 1871,	1766	1606	1849	1680	1897	1791	1774	1722	1649	1802	1578	1650	20764
Total, 1870,	1753	1509	1881	1845	1934	1861	1659	1731	1680	1678	1604	1593	20728
Total, 1869,	1640	1486	1819	1787	1685	1756	1749	1601	1566	1661	1749	1706	20205
Total, 1868,	1702	1553	1794	1814	1796	1902	1728	1616	1588	1665	1513	1595	20266

FEMALE BIRTHS.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Female Births.
Glasgow,	811	738	801	889	814	820	860	782	792	804	778	806	9695
Edinburgh,	281	231	292	297	284	276	297	260	308	302	256	300	3384
Dundee,	224	181	197	195	194	242	234	214	203	215	194	236	2529
Aberdeen,	125	115	135	136	128	146	127	112	147	147	121	151	1590
Greenock,	101	98	125	121	118	129	115	91	89	130	91	131	1339
Paisley,	78	67	73	71	73	89	76	73	66	71	52	57	846
Leith,	74	55	92	85	79	84	63	83	81	85	81	84	946
Perth,	27	39	37	46	47	42	34	47	31	37	29	24	440
Total, 1874,	1721	1524	1752	1840	1737	1828	1806	1662	1717	1791	1602	1789	20769
Total, 1873,	1785	1580	1780	1824	1907	1632	1763	1508	1564	1724	1494	1719	20280
Total, 1872,	1776	1532	1670	1877	1857	1616	1748	1632	1513	1712	1582	1739	20254
Total, 1871,	1745	1503	1764	1666	1837	1683	1624	1658	1523	1583	1537	1555	19678
Total, 1870,	1703	1436	1765	1746	1774	1730	1643	1624	1589	1577	1580	1586	19753
Total, 1869,	1651	1508	1755	1765	1612	1642	1638	1563	1478	1534	1513	1651	19310
Total, 1868,	1645	1450	1674	1692	1701	1834	1655	1527	1457	1544	1489	1579	19247

BIRTHS—BOTH SEXES.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Births.
Glasgow,	1698	1443	1688	1863	1663	1709	1783	1591	1617	1683	1630	1670	20038
Edinburgh,	566	491	576	604	545	579	583	548	636	585	546	580	6839
Dundee,	419	377	416	405	410	458	466	409	441	443	407	452	5103
Aberdeen,	256	243	272	259	250	287	256	235	289	293	276	305	3221
Greenock,	230	203	260	261	226	278	235	199	189	258	203	262	2804
Paisley,	164	136	166	142	145	179	162	122	146	150	139	128	1779
Leith,	160	137	158	162	170	187	160	158	167	188	161	170	1978
Perth,	65	70	69	72	83	77	76	78	76	73	67	60	866
Total, 1874,	3558	3100	3605	3768	3492	3754	3721	3340	3561	3673	3429	3627	42628
Total, 1873,	3712	3215	3701	3617	3839	3383	3579	3133	3310	3514	3024	3477	41504
Total, 1872,	3737	3200	3425	3852	3736	3328	3616	3233	3138	3535	3317	3542	41659
Total, 1871,	3511	3109	3613	3346	3734	3474	3398	3380	3172	3385	3115	3205	40442
Total, 1870,	3456	2945	3646	3591	3708	3591	3302	3355	3269	3255	3184	3179	40481
Total, 1869,	3291	2994	3574	3552	3297	3398	3387	3164	3044	3195	3262	3357	39515
Total, 1868,	3347	3003	3468	3506	3497	3736	3383	3143	3045	3209	3002	3174	39513

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, . . .	146	135	158	161	145	156	156	132	144	140	160	156	1789
Edinburgh, . . .	49	44	46	53	48	44	59	53	64	44	42	53	599
Dundee, ...	56	42	41	54	50	54	48	45	43	54	49	48	584
Aberdeen, . . .	32	39	25	35	24	28	41	22	28	44	38	32	388
Greenock, . . .	10	12	8	8	8	13	11	15	18	10	11	15	139
Paisley, ...	12	10	9	10	10	15	15	2	13	15	5	7	123
Leith, ...	9	2	5	11	10	11	6	9	6	10	12	17	108
Perth, ...	4	7	6	8	5	7	4	7	5	11	9	8	81
Total, 1874, . . .	318	291	298	340	300	328	340	285	321	328	326	336	3811
Total, 1873, . . .	339	290	340	305	365	331	320	283	285	331	289	297	3775
Total, 1872, . . .	378	304	269	302	309	296	336	301	294	316	276	347	3728
Total, 1871, . . .	322	304	350	270	358	329	322	343	265	332	282	279	3756
Total, 1870, . . .	342	278	329	334	364	322	330	356	305	266	292	283	3801
Total, 1869, . . .	354	304	368	346	298	342	327	287	296	278	324	324	3848
Total, 1868, . . .	355	300	360	288	334	353	326	313	306	310	303	286	3834

IX.—MARRIAGES IN THE EIGHT TOWNS—1874.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Glasgow, ...	695	282	344	325	204	703	624	267	308	311	460	469	4992
Edinburgh, . .	233	97	127	124	81	315	135	115	87	139	178	182	1813
Dundee, . .	189	74	62	85	77	243	71	80	67	84	102	117	1251
Aberdeen, . . .	82	40	32	28	31	105	88	59	49	43	64	71	692
Greenock, . . .	94	47	42	43	16	73	71	42	42	33	52	44	599
Paisley, ...	83	23	32	31	9	59	37	54	27	27	39	24	445
Leith, ...	55	22	31	41	14	63	52	35	25	32	45	56	471
Perth, ...	31	8	17	12	6	45	16	19	14	9	26	26	229
Total, 1874, . . .	1462	593	687	689	438	1606	1094	671	619	678	966	989	10492
Total, 1873, . . .	1384	607	665	699	511	1480	1178	650	721	695	1019	987	10596
Total, 1872, . . .	1273	564	553	747	491	1415	1249	702	711	669	993	1012	10,379
Total, 1871, . . .	1222	553	497	637	529	1332	1148	714	633	618	879	1030	9792
Total, 1870, . . .	1298	544	513	509	493	1347	1094	705	643	716	945	923	9730
Total, 1869, . . .	1134	520	550	567	456	1299	1046	687	587	646	942	727	9161
Total, 1868, . . .	1049	492	527	513	382	1269	943	612	578	575	859	807	8606
Total, 1867, . . .	1049	509	510	573	436	1219	1034	583	638	577	899	840	8867
Total, 1866, . . .	1168	599	501	641	462	1331	992	620	624	654	930	928	9450
Total, 1865, . . .	1197	570	462	473	498	1227	1094	649	603	656	945	946	9320

X.—DEATHS IN THE EIGHT TOWNS—1874.

	MALE DEATHS.												Total Male Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	627	605	655	683	630	633	666	619	553	683	756	1006	8116
Edinburgh,	232	196	233	228	217	206	190	174	167	185	226	259	2513
Dundee,	163	135	159	142	182	160	195	174	181	196	174	197	2058
Aberdeen,	122	112	111	82	64	76	57	72	70	67	57	92	982
Greenock,	77	72	78	72	72	74	53	73	71	59	91	100	892
Paisley,	73	51	44	63	58	46	51	46	50	50	65	79	676
Leith,	47	42	51	42	51	55	57	53	64	53	62	60	637
Perth,	17	33	29	28	25	19	24	35	27	41	45	40	363
Total, 1874,	1358	1246	1360	1340	1299	1269	1293	1246	1183	1334	1476	1833	16237
Total, 1873,	1235	1340	1433	1317	1388	1201	1261	1158	1089	1230	1184	1396	15232
Total, 1872,	1607	1360	1311	1422	1332	1147	1148	1127	1078	1206	1174	1259	15171
Total, 1871,	1441	1223	1368	1231	1429	1299	1218	1233	1086	1186	1302	1478	15494
Total, 1870,	1497	1286	1371	1225	1133	1068	1025	1176	962	929	1148	1414	14234
Total, 1869,	1350	1240	1644	1380	1334	1355	1266	1118	1057	1091	1366	1547	15748
Total, 1868,	1192	1084	1215	1212	1155	1098	1224	1225	996	1163	1253	1321	14138

	FEMALE DEATHS.												Total Female Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	578	566	645	595	609	579	619	573	533	591	742	1095	7725
Edinburgh,	226	203	216	236	198	173	183	150	167	193	204	343	2492
Dundee,	160	155	172	174	156	163	166	189	180	177	192	227	2111
Aberdeen,	121	96	112	100	99	84	77	61	67	64	73	130	1084
Greenock,	91	82	68	61	63	57	58	61	60	48	61	87	797
Paisley,	63	53	76	67	70	57	49	44	44	40	64	85	712
Leith,	47	36	52	44	51	53	50	58	48	57	53	68	617
Perth,	24	27	27	19	23	29	32	31	23	32	32	38	337
Total, 1874,	1310	1218	1368	1296	1269	1195	1234	1167	1122	1202	1421	2073	15875
Total, 1873,	1206	1455	1426	1250	1262	1247	1222	1058	1087	1149	1168	1242	14772
Total, 1872,	1567	1420	1351	1352	1277	1062	1153	1109	1029	1185	1148	1354	15007
Total, 1871,	1509	1354	1395	1279	1371	1268	1220	1217	1068	1290	1309	1627	15907
Total, 1870,	1584	1343	1388	1176	1100	1043	1000	1192	949	1013	1106	1365	14259
Total, 1869,	1399	1266	1574	1348	1328	1331	1158	1126	1038	1097	1422	1615	15702
Total, 1868,	1231	1086	1194	1036	1093	1134	1134	1179	1069	1135	1221	1381	13893

	DEATHS—BOTH SEXES.												Total Deaths.
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Glasgow,	1205	1171	1300	1278	1239	1212	1285	1192	1086	1274	1498	2101	15841
Edinburgh,	458	399	449	464	415	379	373	324	334	378	430	602	5005
Dundee,	323	290	331	316	338	323	361	363	361	373	366	424	4169
Aberdeen,	243	208	223	182	163	160	134	133	137	131	130	222	2066
Greenock,	168	154	146	133	135	131	111	134	131	107	152	187	1689
Paisley,	136	104	120	130	128	103	100	90	94	90	129	164	1388
Leith,	94	78	103	86	102	108	107	111	112	110	115	128	1254
Perth,	41	60	56	47	48	48	56	66	50	73	77	78	700
Total, 1874,	2668	2464	2728	2636	2568	2464	2527	2413	2305	2536	2897	3906	32112
Total, 1873,	2441	2795	2859	2567	2650	2448	2483	2216	2176	2379	2352	2638	30004
Total, 1872,	3174	2780	2662	2774	2609	2209	2301	2236	2107	2391	2322	2613	30178
Total, 1871,	2950	2577	2763	2510	2800	2567	2438	2450	2154	2476	2611	3105	31401
Total, 1870,	3081	2629	2759	2401	2233	2111	2025	2368	1911	1942	2254	2779	28493
Total, 1869,	2749	2506	3218	2728	2662	2686	2424	2244	2095	2188	2788	3162	31450
Total, 1868,	2423	2170	2409	2248	2248	2232	2358	2404	2065	2298	2474	2702	28031

XI.—ABSTRACT of the METEOROLOGY of the Eight Principal Towns of Scotland during the several Months of the Year 1874.

Mean Height above the Sea-level, 111 feet. Mean North Latitude, 56°·12′. Mean West Longitude, 3°·30′.

1874.	BAROMETER.		SELF-REGISTERING THERMOMETER.						HYGROMETER.		DEDUCTIONS from Glaisher's Tables, 2d Edit.				RAIN.		WINDS.									
																	Number of Days it blew in certain Directions.									Pressure on square foot.
	Mean at 32° and Sea-level.	Monthly Range.	Highest in Month.	Lowest in Month.	Mean Temperature.	Monthly Range.	Mean Daily Range.	Greatest Daily Range.	Dry Bulb, or Mean Temp. of Air.	Wet Bulb, or Temp. of Evaporation.	Dew-point Temperature.	Elastic Force of Vapour.	Wt. of Vapour in Cubic Foot of Air.	Humidity. Sat. 100.	Number of Days it fell.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
	inch.	inch.	°	°	°	°	°	°	°	°	°	inch.	grs.		days.	inch.										lbs.
JANUARY, . . .	29·762	1·502	54·3	26·2	41·0	24·4	10·9	19·8	40·4	38·6	36·4	·215	2·49	86	19	3·07	0	1	0	1	3	10	11	5	0	2·08
FEBRUARY, . .	29·878	1·714	56·5	21·0	40·0	29·5	12·0	20·4	38·6	37·1	35·2	·206	2·38	88	13	0·97	1	1	1	4	4	8	4	4	1	1·06
MARCH, . . .	30·009	1·534	63·5	20·0	44·1	36·3	12·7	24·1	43·0	41·0	38·6	·234	2·70	84	15	2·17	1	1	1	2	2	8	11	5	0	2·34
APRIL, . . .	29·752	1·758	70·0	30·0	47·2	36·2	15·1	26·9	46·5	43·9	40·9	·257	2·98	82	13	1·57	1	2	2	2	3	8	8	3	1	1·38
MAY, ...	30·004	0·859	67·5	25·0	47·3	35·0	13·2	28·5	47·0	44·2	41·0	·257	2·98	80	13	1·92	2	7	9	4	1	2	3	2	1	1·37
JUNE, ...	30·075	1·046	75·3	35·0	55·7	35·9	18·6	28·6	55·6	51·7	48·0	·336	3·77	76	8	1·05	2	2	4	3	1	6	8	4	0	1·14
JULY, ...	29·895	0·717	81·3	44·5	60·2	34·1	14·8	25·0	59·3	56·3	53·6	·412	4·61	82	16	3·16	0	1	3	2	3	8	10	2	2	1·06
AUGUST, . . .	29·765	1·249	80·0	38·6	57·0	35·9	14·6	26·8	55·6	53·1	50·7	·371	4·17	85	19	5·03	0	1	3	2	2	6	10	4	3	1·26
SEPTEMBER, . .	29·724	1·215	70·0	36·3	53·9	29·4	13·1	24·7	53·0	50·8	48·7	·344	3·87	86	20	3·39	0	0	2	2	2	10	11	2	1	1·93
OCTOBER, . . .	29·670	1·616	65·0	28·9	47·3	30·1	13·6	20·9	46·1	44·4	42·4	·272	3·11	88	17	5·57	1	1	2	1	2	8	10	5	1	1·78
NOVEMBER, . .	29·863	1·545	61·7	25·0	41·9	30·9	10·1	21·2	40·8	39·5	37·9	·228	2·64	90	17	3·54	2	2	4	2	0	6	8	5	1	1·21
DECEMBER, . .	29·798	1·643	51·0	7·0	31·5	38·0	12·4	21·8	30·6	29·5	26·5	·144	1·69	84	13	2·28	4	5	2	1	1	3	5	8	2	1·20
YEAR,	29·850	1·366	81·3	7·0	47·3	33·0	13·4	28·6	46·4	44·2	41·7	·273	3·12	84	183	33·72	14	24	33	26	24	83	99	49	13	1·48

TABLE XII.

BIRTHS, DEATHS, AND MARRIAGES, 1874, AND VACCINATIONS, 1873.

No. of Division, &c.	REGISTRATION GROUPS, DIVISIONS, AND COUNTIES.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	SCOTLAND, – –	3,062,294	3,360,018	123795	80676	26247	105177	1113	162	39	163	10527	2629	119810
	GROUPS OF DISTRICTS.													
1	PRINCIPAL TOWNS, - -	884,955	1,068,556	42641	32118	10491	35780	111	65	14	92	4337	1110	41509
2	LARGE TOWNS, - - -	272,540	332,180	15209	10029	3050	12264	70	16	15	29	1338	317	14049
3	SMALL TOWNS, - - -	700,474	772,229	29547	17743	5766	25697	304	18	9	28	2437	503	28996
4	MAINLAND-RURAL, - -	1,067,560	1,055,049	32953	18597	6321	28823	366	60	1	13	2191	427	31881
5	INSULAR-RURAL, - - -	136,765	132,004	3445	2189	619	2613	262	3	0	1	224	272	3375
	DIVISIONS.													
I.	NORTHERN, - - -	130,422	127,191	3159	1838	611	2481	179	5	0	3	203	201	3072
II.	NORTH-WESTERN, - -	167,242	166,351	4326	2936	785	3374	348	24	0	6	327	185	4264
III.	NORTH-EASTERN, - -	366,870	393,199	12861	7176	2518	11561	81	17	0	1	915	87	12662
IV.	EAST-MIDLAND, - -	523,822	559,676	19027	12990	4257	16579	74	32	0	41	1660	173	18559
V.	WEST-MIDLAND, - -	242,487	251,088	8653	5767	1598	7283	141	6	7	13	633	237	8320
VI.	SOUTH-WESTERN, - -	1,008,273	1,183,218	52829	35484	11464	43947	96	50	30	90	4786	1269	50268
VII.	SOUTH-EASTERN, - -	413,116	475,523	16753	10577	3779	14540	117	19	1	7	1496	401	16581
VIII.	SOUTHERN, - -	210,062	203,772	6187	3908	1235	5412	77	9	1	2	507	76	6084
	COUNTIES.													
	I. NORTHERN DIVISION.													
1	Shetland, - - - -	31,670	31,608	720	520	144	523	19	0	0	0	43	132	717
2	Orkney, - - - -	32,395	31,274	840	405	179	713	25	0	0	0	34	9	781
3	Caithness, - - - -	42,200	41,011	1109	567	196	789	123	2	0	2	76	41	1033
4	Sutherland, - - -	24,157	23,298	490	346	92	456	12	3	0	1	50	19	541

	II. North-Western Division.													
5	Ross and Cromarty, - - -	82,427	82,093	2068	1479	357	1666	159	4	0	2	155	54	2040
6	Inverness, - - -	84,815	84,258	2258	1457	428	1708	189	20	0	4	172	131	2224
	III. North-Eastern Division.													
7	Nairn, - - - -	8,347	8,372	225	152	38	222	2	1	0	0	18	5	248
8	Elgin (or Moray), - - -	44,305	44,549	1284	803	244	1101	14	1	0	0	79	16	1211
9	Banff, - - - -	56,020	58,883	1869	938	359	1610	20	2	0	0	141	15	1788
10	Aberdeen, - - -	223,417	246,298	8423	4700	1625	7628	36	10	0	1	605	47	8327
11	Kincardine, - - -	34,781	35,097	1060	583	252	1000	9	3	0	0	72	4	1088
	IV. East-Midland Division.													
12	Forfar, - - - -	206,750	240,049	8888	6487	2094	7600	23	23	0	38	895	86	8665
13	Perth, - - - -	133,198	128,550	3461	2605	772	3046	16	4	0	1	275	52	3394
14	Fife, - - - -	155,021	160,924	5612	3303	1206	5034	34	5	0	2	390	29	5494
15	Kinross, - - - -	8,731	7,918	213	136	47	160	0	0	0	0	17	1	178
16	Clackmannan, - - -	20,122	22,235	853	459	138	739	1	0	0	0	83	5	828
	V. West-Midland Division.													
17	Stirling, - - - -	88,138	93,345	3839	2256	743	3281	18	2	0	12	286	61	3660
18	Dumbarton, - - -	54,179	61,116	2391	1667	455	2000	13	3	7	0	199	75	2297
19	Argyll, - - - -	83,859	79,661	2020	1430	304	1663	108	1	0	1	131	74	1978
20	Bute, - - - -	16,311	16,966	403	414	96	339	2	0	0	0	17	27	385
	VI. South-Western Division.													
21	Renfrew, - - - -	168,746	195,305	8014	5096	1724	6780	14	27	11	25	727	206	7790
22	Ayr, - - - -	199,083	200,908	8300	4998	1822	7292	27	3	6	0	652	71	8051
23	Lanark, - - - -	640,444	787,005	36515	25390	7918	29875	55	20	13	65	3407	992	34427
	VII. South-Eastern Division.													
24	Linlithgow, - - -	39,045	41,379	1703	744	299	1496	10	3	0	0	165	42	1716
25	Edinburgh, - - -	273,792	328,138	11665	7949	2861	16073	69	10	1	1	1041	311	11506
26	Haddington, - - -	37,626	37,755	1143	749	223	1031	20	2	0	5	94	14	1166
27	Berwick, - - - -	36,488	36,382	1057	568	182	918	6	1	0	1	82	12	1020
28	Peebles, - - - -	11,264	12,218	391	182	70	314	4	3	0	0	30	11	362
29	Selkirk, - - - -	14,901	19,651	794	385	144	708	8	0	0	0	84	11	811
	VIII. Southern Division.													
30	Roxburgh, - - -	49,568	48,241	1535	758	303	1393	9	0	1	0	144	16	1563
31	Dumfries, - - - -	75,904	74,842	2198	1582	455	1876	54	6	0	2	196	37	2171
32	Kircudbright, - - -	42,680	42,087	1282	797	243	1115	11	1	0	0	92	13	1232
33	Wigtown, - - -	41,910	38,602	1172	771	234	1028	3	2	0	0	75	10	1118

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	I. NORTHERN DIVISION.													
	1. Shetland.													
1	Bressay, etc.—(1) Bressay,	915	902	21	19	2	15	0	0	0	0	1	0	16
	(2) Burra and Quarff,	890	952	22	5	5	27	0	0	0	0	0	0	27
2	Delting,	1975	1862	46	26	5	29	0	0	0	0	5	4	38
3	Dunrossness, etc.—(1) Dunrossness,	2113	1970	40	28	6	19	0	0	0	0	5	13	37
	(2) Sandwick & Cunningsburgh,	2337	2326	61	45	10	46	0	0	0	0	2	9	57
	(3) Fair Isle,	380	226	9	5	2	0	0	0	0	0	0	6	6
4	Fetlar, etc.—(1) Fetlar,	548	517	10	14	2	6	0	0	0	0	0	0	6
	(2) North Yell,	932	893	21	11	3	18	1	0	0	0	0	3	22
5	Lerwick,	3631	4180	87	93	38	95	1	0	0	0	8	2	106
6	Mid and South Yell,	1784	1843	41	34	3	9	2	0	0	0	7	27	45
7	Nesting, etc.—(1) Nesting,	855	868	16	12	5	26	2	0	0	0	1	0	29
	(2) Lunnasting,	880	822	29	13	1	13	0	0	0	0	0	5	18
	(3) Whalsay and Skerries	848	989	26	10	5	24	7	0	0	0	2	0	33
8	Northmavine,	2585	2602	53	49	15	42	0	0	0	0	4	7	53
9	Sandsting and Aithsting,	2670	2806	77	29	15	43	0	0	0	0	2	9	54
10	Tingwall, etc.—(1) Tingwall,	1554	1442	29	29	9	26	0	0	0	0	0	2	28
	(2) Whiteness and Weisdale,	1143	1049	22	12	4	16	0	0	0	0	1	5	22
11	Unst,	3060	2780	61	50	7	53	6	0	0	0	2	0	61
12	Walls, etc.—(1) Walls,	1365	1325	17	15	7	8	0	0	0	0	2	19	29
	(2) Sandness,	606	646	18	13	0	8	0	0	0	0	1	10	19
	(3) Papa-Stour,	366	351	11	6	0	0	0	0	0	0	0	5	5
	(4) Foula,	233	257	3	2	0	0	0	0	0	0	0	6	6
	2. Orkney.													
13	Birsay,	1774	1597	35	28	10	33	0	0	0	0	1	3	37
14	Deerness,	813	863	28	7	6	16	0	0	0	0	0	0	16
15	Eday and Pharay,	979	905	23	7	5	20	2	0	0	0	0	0	22
16	Evie and Rendall,	1408	1340	28	18	7	36	1	0	0	0	0	0	37
17	Firth and Stennes,	1493	1434	40	23	11	24	1	0	0	0	3	0	28
18	Harray,	819	727	16	6	5	16	0	0	0	0	0	0	16
19	Holm and Paplay,	834	935	28	12	7	24	2	0	0	0	0	0	26
20	Hoy and Græmsay,	556	581	15	3	0	15	1	0	0	0	1	0	17
21	KIRKWALL and St Ola,	4422	4261	126	77	26	98	2	0	0	0	6	1	107
22	North Ronaldshay,	532	539	12	7	1	11	2	0	0	0	1	0	14
23	Orphir,	1133	1040	27	10	9	20	0	0	0	0	0	0	20
24	Rousay and Egilsay,	1152	1101	26	9	6	35	1	0	0	0	5	0	41

25	St Andrews, - - -	868	870	20	7	4	14	0	0	0	0	1	1	16
26	Sanday, - - - -	2145	2053	52	19	10	52	0	0	0	0	0	1	53
27	Sandwick, - - - -	1225	1153	37	13	4	13	2	0	0	0	3	0	18
28	Shapinshay, - - -	973	949	26	7	8	23	1	0	0	0	0	0	24
29	South Ronaldshay and Burray, -	3282	3228	108	36	14	85	4	0	0	0	2	2	93
30	Stromness, - - -	2540	2403	55	56	9	44	2	0	0	0	5	1	52
31	Stronsay, - - - -	1228	1305	34	13	8	29	1	0	0	0	1	0	31
32	Walls, etc.—(1) Walls, - -	1254	1107	30	9	6	25	1	0	0	0	1	0	27
	(2) Flotta, - -	420	423	14	3	4	7	0	0	0	0	1	0	8
33	Westray, etc.—(1) Westray, - -	2153	2090	49	31	15	63	2	0	0	0	3	0	68
	(2) Papa-Westray, -	392	370	11	4	4	10	0	0	0	0	0	0	10
	3. CAITHNESS.													
34	Bower, - - - -	1746	1700	39	21	9	32	5	0	0	0	4	0	41
35	Canisbay, - - - -	2730	2729	81	27	12	60	18	0	0	0	5	0	83
36	Dunnet, - - - -	1861	1661	46	28	7	24	4	0	0	0	2	2	32
37	Halkirk, - - - -	2864	2664	78	29	21	61	2	1	0	0	3	0	67
38	Latheron, - - - -	8571	7400	195	92	30	151	4	0	0	1	7	0	163
39	Olrig, - - - -	2059	2028	57	31	14	37	1	0	0	0	4	0	42
40	Reay, - - - -	2476	2331	41	24	11	41	6	0	0	0	2	0	49
41	THURSO, - - - -	5561	5754	181	90	23	143	11	1	0	0	17	3	175
42	Watten, - - - -	1491	1453	35	16	8	27	1	0	0	1	2	0	31
43	WICK, - - - -	12841	13291	356	209	61	213	71	0	0	0	30	36	350
	4. SUTHERLAND.													
44	Assynt—(1) Kirkton, - -	553	487	13	7	1	8	0	0	0	0	3	0	11
	(2) Stoer, - - -	2625	2519	39	39	6	44	0	0	0	0	13	2	59
45	Clyne, - - - -	1886	1733	35	41	12	31	0	0	0	0	4	1	36
46	Creich—(1) Bonar, - -	1982	1854	46	24	5	33	0	0	0	0	2	0	35
	(2) Rosehall, - -	539	670	16	12	2	14	0	0	0	0	0	1	15
47	DORNOCH, - - -	2885	2764	56	36	13	51	0	0	0	0	5	0	56
48	Durness, - - - -	1109	1049	19	10	2	21	1	0	0	0	0	0	22
49	Eddrachillis—(1) Scourie, - -	727	648	8	6	2	8	0	0	0	0	2	0	10
	(2) Kinlochbervie, -	914	882	22	11	7	20	5	0	0	1	1	3	30
50	Farr—(1) Kirkton, - -	1251	1190	24	12	3	27	1	0	0	0	1	1	30
	(2) Strathy, - - -	852	829	11	5	4	17	0	1	0	0	2	1	21
51	Golspie, - - - -	1615	1804	41	22	6	32	0	0	0	0	7	2	41
52	Kildonan, - - - -	2132	1916	50	35	11	52	1	1	0	0	3	5	62
53	Lairg, - - - -	961	978	30	19	3	25	0	1	0	0	1	0	27
54	Loth, - - - -	610	583	20	8	3	12	0	0	0	0	3	0	15
55	Rogart, - - - -	1439	1341	28	22	4	26	0	0	0	0	2	0	28
56	Tongue, - - - -	2077	2051	32	37	8	35	4	0	0	0	1	3	43
	II. NORTH-WESTERN DIVISION.													
	5. ROSS AND CROMARTY.													
	Mainland.													
57	Alness, - - - -	1178	1053	27	19	7	15	0	0	0	0	1	0	16
58	Applecross—(1) Applecross, - -	1064	1129	20	18	2	19	3	0	0	0	1	0	23
	(2) Shieldaig, - -	1480	1341	26	28	5	19	15	0	0	0	2	2	38

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
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		1861.	1871.	Births.	Deaths.	Marriages.			On the ground of Constitutional Insusceptibility.	On the ground of previous Successful Vaccination.	In respect of the Children having already had Small-pox.			
	ROSS AND CROMARTY—*continued.*													
59*a*	Avoch,	1788	1828	50	30	18	48	1	0	0	0	6	1	56
59*b*	Carnoch,*	c. 325	325	4	6	0								
60	Contin,*	c. 697	729	12	7	2	22	0	0	0	0	1	0	23
61	CROMARTY,	2300	2180	49	46	6	59	0	0	0	0	6	2	67
62	DINGWALL	2412	2443	40	42	13	40	0	0	0	0	7	3	50
63	Edderton	836	860	15	9	4	17	0	1	0	0	1	1	20
64	Fearn	2083	2135	50	24	5	60	1	0	0	0	4	0	65
65	Fodderty,*	c. 2060	1943	46	32	6	33	3	0	0	0	2	0	38
66	Gairloch—(1) Northern,	1927	1669	45	16	10	25	2	0	0	0	1	6	34
	(2) Southern,	3522	3379	64	44	11	52	1	0	0	0	6	2	61
67	Glenshiel,	485	463	7	6	1	9	0	0	0	0	1	0	10
68	Killearnan,	1494	1272	24	9	7	28	0	0	0	0	1	0	29
69	Kilmuir-Easter,	1295	1281	29	17	5	19	1	0	0	0	1	0	21
70	Kiltearn,	1634	1496	40	17	4	29	0	0	0	0	1	1	31
71*a*	Kincardine—(1) Kincardine,	1746	1273	18	17	1	28	0	0	0	0	1	0	29
	(2) Strathoykell,		412	9	8	0	6	0	0	0	0	0	0	6
71*b*	Kinlochluichart,	c. 704	704	15	6	0	15	0	0	0	0	0	0	15
72	Kintail,	890	753	14	15	3	13	0	0	0	0	0	1	14
73	Knockbain,	2485	2155	39	31	12	27	3	0	0	0	2	3	35
74	Lochalsh,	2413	2319	45	53	9	34	0	0	0	0	1	6	41
75	Lochbroom—(1) Lochbroom	3577	3167	71	54	12	52	4	0	0	2	8	7	73
	(2) Coigach,	1285	1239	35	25	2	15	25	1	0	0	1	0	42
76	Lochcarron,	1592	1629	25	31	8	17	14	0	0	0	2	1	34
77	Logie-Easter,	932	912	23	12	3	18	0	0	0	0	2	0	20
78	Nigg,	1253	1201	27	24	3	21	0	0	0	0	0	0	21
79	Rosolis,	1568	1527	37	31	7	30	1	0	0	0	1	0	32
80	ROSEMARKIE,	1545	1441	38	37	3	33	0	0	0	0	1	1	35
81	Rosskeen,	3766	3808	82	58	18	80	1	0	0	0	10	0	91
82	TAIN,	3294	3221	69	86	16	69	0	1	0	0	7	0	77
83	Tarbat,	2269	2182	54	54	7	35	3	0	0	0	2	0	40
84	Urquhart and Logie-Wester,	3147	2863	56	45	8	34	1	0	0	0	3	2	40
85	Urray,*	c. 2325	2278	62	32	14	40	0	1	0	0	3	0	44
	Insular.													
86*a*	Barvas,	4609	4950	171	92	29	139	32	0	0	0	8	1	180
86*b*	Carloway,	2204	2702	106	60	4	83	5	0	0	0	9	0	97
87	Lochs,	3568	4162	152	78	28	121	3	0	0	0	14	0	138
88	STORNOWAY	8668	9510	309	234	48	223	36	0	0	0	33	2	294
89	Uig,	2007	2159	63	26	16	39	4	0	0	0	5	12	60

	6. INVERNESS.													
	Mainland.													
90*a*	Abernethy and Kincardine, - -	1928	1752	36	21	5	45	0	1	0	1	2	1	50
90*b*	Alvie, - - - -	833	882	19	10	7	23	0	1	0	0	0	0	24
91	Ardersier, - - - -	1239	1284	75	40	15	53	0	0	0	0	7	0	60
92	Boleskine, etc.—(1) Boleskine, - -	813	681	15	11	1	16	1	1	0	0	2	0	20
	(2) Fort-Augustus or Abertarff,	930	897	13	14	2	17	0	0	0	0	0	0	17
93	Cromdale and Inverallan. (Now 128*b infra.*)													
94	Croy and Dalcross, - - -	1873	1841	40	22	11	37	0	1	0	0	1	0	39
95	Daviot and Dunlichty, - -	1741	1598	31	27	5	22	3	3	0	0	1	2	31
96*a*	Dores, - - - -	1506	1401	27	14	2	18	3	0	0	0	3	1	25
96*b*	Duthill, etc.—(1) Duthill, - -	1609	1530	34	15	8	30	0	0	0	0	0	4	34
	(2) Rothiemurchus, -	319	342	3	6	0	4	0	0	0	0	0	1	5
97	Glenelg—(1) Glenelg, - -	800	714	11	9	7	13	1	0	0	0	1	1	16
	(2) Knoydart, - -	574	499	5	9	1	10	1	0	0	0	2	0	13
	(3) North Morar, - -	469	440	19	5	0	14	0	0	0	0	0	5	19
98	INVERNESS, - - -	16162	18552	558	365	121	427	36	1	0	0	50	13	527
99	Kilmonivaig—(1) Glengarry, -	625	550	19	8	2	10	0	0	0	0	0	0	10
	(2) Lochaber, - -	1651	1417	32	17	6	27	2	0	0	0	1	0	30
100	Kilmorack, - - -	2852	2728	67	60	11	43	0	0	0	0	0	1	44
101	Kiltarlity, - - -	2839	2537	62	27	8	33	0	0	0	0	0	0	33
102	Kingussie and Insh, - -	2033	2101	52	25	11	48	6	0	0	0	3	2	59
103	Kirkhill, - — - -	1757	1582	36	22	7	27	0	0	0	0	2	1	30
104	Laggan, - - - -	986	950	20	11	6	19	0	2	0	0	0	0	21
105	Moy and Dalarossie, - -	1026	1005	18	13	5	14	0	0	0	0	0	1	15
106	Petty, - - - -	1671	1549	35	19	7	36	0	0	0	0	3	1	40
107	Urquhart, etc.—(1) Urquhart, -	2294	2215	41	48	6	40	2	6	0	2	1	2	53
	(2) Glenmoriston, -	617	565	11	10	0	5	0	1	0	0	0	0	6
	Insular.													
108	Barra, - - - -	1853	1997	60	49	12	47	11	0	0	0	15	2	75
109	Bracadale, - - -	1335	1113	15	18	2	16	2	0	0	0	0	0	18
110	Duirinish, - - -	4775	4422	113	85	23	102	0	0	0	0	15	11	128
111	Harris—(1) Harris, - - -	3769	3668	125	66	21	35	91	1	0	0	11	0	138
	(2) Bernera, - -	336	381	17	5	2	18	0	0	0	0	0	0	18
	(3) St Kilda, - -	78	71											
112	Kilmuir—(1) Kilmuir, - -	1561	1362	37	41	5	28	0	0	0	1	2	4	35
	(2) Stenscholl, - -	1311	1228	44	15	6	35	2	0	0	0	2	0	39
113	North Uist, - - -	3959	4107	132	63	20	90	4	0	0	0	12	20	126
114	Portree—(1) Portree, - -	2579	2328	61	47	13	48	1	0	0	0	5	11	65
	(2) Raasay, - -	580	600	19	7	4	7	0	0	0	0	2	11	20
115	Sleat, - - - -	2330	2233	57	25	10	44	0	0	0	0	1	7	52
116	Small Isles, - - -	567	522	16	6	3	11	0	1	0	0	1	0	13
117	Snizort—(1) North, - -	961	803	20	20	0	16	2	0	0	0	2	1	21
	(2) South, - - -	1652	1500	38	42	16	25	0	0	0	0	4	2	31
118	South Uist—(1) Benbecula, - -	1544	1651	45	26	3	38	1	1	0	0	5	0	45
	(2) Howmore, - -	1763	1818	55	41	13	38	4	0	0	0	4	13	59
	(3) Boisdale, - -	2051	2280	55	33	4	34	15	0	0	0	7	0	56
119	Strath, - - - -	2664	2562	70	40	17	45	1	0	0	0	5	13	64

* Carnoch was constituted in 1874, and is composed of parts of the Districts of Contin, Fodderty, and Urray. In 1871, the populations of these three Districts before alteration were:—Contin, 893; Fodderty, 2086; and Urray, 2296.

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	III. NORTH-EASTERN DIVISION.													
	7. NAIRN.													
120	Ardclach, – – – –	1330	1197	27	14	5	30	1	0	0	0	0	0	31
121	Auldearn, – – – –	1328	1279	23	19	4	38	0	0	0	0	3	0	41
122	Cawdor, – – – –	1203	1027	32	14	3	27	0	0	0	0	4	2	33
123	NAIRN, – – – –	4486	4869	143	105	26	127	1	1	0	0	11	3	143
	8. ELGIN (OR MORAY.)													
124	Abernethy and Kincardine. (Now 90*a supra.*)													
125	Alves, – – – –	1010	1018	44	9	4	37	0	0	0	0	4	1	42
126	Bellie, – – – –	1967	2013	49	34	8	46	0	0	0	0	3	5	54
127	Birnie, – – – –	411	375	14	5	0	14	0	0	0	0	1	0	15
128*a*	Boharm, – – –	1412	1337	25	13	7	37	0	0	0	0	5	0	42
128*b*	Cromdale, etc.—(1) Cromdale, – (2) Inverallan –	1308	1295	28	19	4	20	0	0	0	0	3	0	23
		2635	2522	85	42	13	61	0	0	0	0	4	0	65
129	Dallas, – – – –	1102	1060	36	20	5	22	0	0	0	0	2	0	24
130	DRAINIE, – – –	3028	3293	119	48	29	116	1	0	0	0	10	0	127
131	Duffus, – – – –	3308	3716	100	94	14	104	0	0	0	0	4	0	108
132	Duthill, etc. (Now 96*b supra.*)													
133	Dyke, – – – –	1247	1238	34	18	7	22	0	0	0	0	2	0	24
134	Edinkillie, – – –	1303	1286	36	16	10	31	0	0	0	0	1	0	32
135	ELGIN, – – – –	9866	9703	270	196	54	203	4	0	0	0	14	6	227
136	New Spynie, – – –	518	573	13	20	3	12	0	0	0	0	3	1	16
137	FORRES, – – –	4112	4562	120	102	21	125	0	0	0	0	7	1	133
138	Kinloss, – – – –	1315	1112	34	23	12	22	0	0	0	0	0	0	22
139	Knockando, – – –	1736	1909	57	29	8	38	3	0	0	0	6	1	48
140	Rafford, – – – –	1055	1101	33	12	3	34	0	0	0	0	1	0	35
141	Rothes, – – – –	2407	2148	67	29	14	46	4	0	0	0	5	0	55
142	St Andrew's-Lhanbryde, – –	1344	1286	40	27	6	28	0	0	0	0	1	1	30
143	Speymouth, – – –	689	634	17	10	7	19	1	0	0	0	1	0	21
144	Urquhart, – – –	2532	2368	63	37	15	64	1	1	0	0	2	0	68
	9. BANFF.													
145	Aberlour, – – – –	1520	1632	49	31	6	35	0	0	0	0	2	1	38
146	Alvah, – – – –	1467	1436	53	14	5	20	0	0	0	0	3	0	23

147	BANFF, – – – –	7740	8425	274	180	57	250	5	0	0	0	30	0	285
148	Botriphnie, – – –	867	785	15	10	3	14	0	0	0	0	1	0	15
149	Boyndie, – – – –	1711	1854	66	31	12	55	1	0	0	0	0	0	56
150	CULLEN, – – –	1821	2056	72	24	5	61	0	0	0	0	10	0	71
151	Deskford, – – – –	1031	972	28	11	14	21	0	0	0	0	1	0	22
152	Enzie, – – – –	2072	2251	73	31	19	70	1	0	0	0	6	0	77
153	FORDYCE—(1) FORDYCE, –	4145	c. 2050	60	20	13	73	0	0	0	0	4	0	77
	(2) Portsoy, – –		c. 2100	84	34	14	57	0	0	0	0	8	0	65
154	Forglen, – – – –	783	845	23	7	1	24	0	0	0	0	2	0	26
155*a*	Gamrie, – – – –	3019	3151	116	42	19	76	4	1	0	0	7	0	88
155*b*	Glenrinnes, – – –	439	466	11	9	3	7	0	0	0	0	1	0	8
156	Grange, – – – –	1909	1876	55	15	14	43	0	0	0	0	4	0	47
157	Inveravon—(1) Inveravon, – –	868	890	23	20	2	27	1	0	0	0	0	1	29
	(2) Glenlivat, – –	1771	1718	44	31	8	46	0	0	0	0	6	0	52
158	Inverkeithny, – – –	880	1000	20	11	4	29	0	0	0	0	2	0	31
159	KEITH, – – – –	5943	5891	191	81	26	159	1	1	0	0	12	10	183
160	Kirkmichael, etc.—(1) Kirkmichael, –	551	477	9	6	1	9	1	0	0	0	0	0	10
	(2) Tomintoul, –	960	799	19	13	2	16	0	0	0	0	0	0	16
161	Marnoch, – – – –	3289	3294	95	49	14	98	0	0	0	0	7	0	105
162	Mortlach, – – – –	2801	2737	85	48	25	73	2	0	0	0	7	0	82
163	Ordiquhill, – – –	764	761	20	5	5	17	1	0	0	0	1	0	19
164	RATHVEN, – – –	4922	6659	243	142	57	213	1	0	0	0	16	0	230
165	Rothiemay, – – –	1414	1370	41	24	11	38	0	0	0	0	5	0	43
166	St Fergus, – – –	1608	1633	46	22	8	36	0	0	0	0	2	0	38
167	SEAFIELD, – – –	1725	1755	54	27	11	43	2	0	0	0	4	3	52
	10. ABERDEEN.													
168	ABERDEEN—(1) St Nicholas, –	41962	47077	1804	1180	348	1500	2	1	0	0	180	8	1691
	(2) Old Machar, –	31938	41104	1420	885	331	1276	5	0	0	0	117	4	1402
	(3) Do. (Landward), –	1298	1373	35	21	5	40	0	0	0	0	3	0	43
169	Aberdour,– – – –	1837	1945	57	35	9	65	0	0	0	0	5	0	70
170	Aboyne, – – – –	1160	1351	46	22	9	44	0	0	0	0	3	0	47
171	Alford, – – – –	1264	1396	48	18	7	33	0	0	0	0	2	0	35
172	Auchindoir, – – –	1593	1545	41	27	7	48	0	0	0	0	0	0	48
173	Auchterless, – – –	1782	1971	78	31	13	54	1	0	0	0	6	0	61
174	Belhelvie, – – –	1807	1833	52	23	6	45	0	0	0	0	3	0	48
175	Birse, – – – –	1284	1198	43	20	3	24	0	0	0	0	0	0	24
176	Bourtie, – – – –	547	499	14	6	2	12	0	0	0	0	2	0	14
177	Cabrach, – – – –	794	775	15	13	3	16	0	0	0	0	3	0	19
178	Cairney, – – – –	1490	1525	49	15	11	41	0	0	0	0	0	0	41
179	Chapel of Garioch, – – –	2023	1928	50	25	10	44	0	0	0	0	2	0	46
180	Clatt, – – – –	511	483	10	4	1	12	0	0	0	0	0	0	12
181	Cluny, – – – –	1254	1366	42	23	8	39	0	0	0	0	3	1	43
182	Coull, – – – –	792	824	22	17	5	19	0	0	0	0	0	0	19
183	Crathie and Braemar, – –	1574	1566	32	17	8	37	2	1	0	0	4	0	44
184	Crimond, – – – –	892	887	38	12	10	25	0	0	0	0	2	0	27
185	Cruden, – – – –	2743	3124	94	44	20	101	0	0	0	0	5	0	106
186	Culsamond, – – –	1165	896	25	16	3	18	1	0	0	0	2	1	22
187	Daviot, – – – –	614	597	15	4	2	13	0	0	0	0	1	0	14
188	Drumblade – – –	926	931	13	18	1	27	0	1	0	0	0	0	28

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.								
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
		1861.	1871.	Births.	Deaths.	Marriages.			On the ground of Constitutional Insusceptibility.	On the ground of Small-pox.	In respect of the Children having previous Successful Vaccination.			
	ABERDEEN—*continued.*													
189	Drumoak,– – – –	996	1032	24	13	4	21	0	0	0	0	0	0	21
190	Dyce, – – – –	585	945	40	15	7	29	0	0	0	0	10	1	40
191	Echt, – – – –	1287	1259	50	23	10	36	0	0	0	0	0	0	36
192	Ellon, – – – –	3239	3036	99	56	15	85	0	0	0	0	9	0	94
193	Fintray, – – – –	1003	1108	36	8	2	36	0	0	0	0	3	1	40
194	Forgue, – – – –	1397	1332	52	12	4	32	0	0	0	0	2	0	34
195	Foveran, – – – –	1891	1859	60	32	16	62	0	0	0	0	7	0	69
196	FRASERBURGH, – – –	4511	5301	252	115	26	286	1	0	0	0	14	1	302
197	Fyvie, – – – –	3264	3306	83	42	17	106	0	0	0	0	4	0	110
198	Gartly, – – – –	1029	972	24	15	5	28	0	0	0	0	1	0	29
199	Glass, – – – –	1049	1061	29	11	1	26	1	0	0	0	5	0	32
200	Glenbucket, – – –	552	570	17	6	3	17	0	0	0	0	1	0	18
201	Glenmuick, Tullich, and Glengairn, –	1668	2160	58	41	10	62	0	0	0	0	2	4	68
202	HUNTLY, – – – –	4329	4374	145	98	21	120	3	0	0	0	5	1	129
203	Insch, – – – –	1565	1596	47	36	4	44	1	0	0	0	3	0	48
204	INVERURIE, – – –	2668	2970	115	63	21	82	1	0	0	0	9	2	94
205	Keig, – – – –	811	886	25	17	3	19	1	0	0	0	2	0	22
206	Keith-hall, – – –	933	874	16	9	5	20	1	0	0	0	2	0	23
207	Kemnay, – – – –	832	1300	39	13	5	61	0	0	0	0	3	1	65
208	Kildrummy, – – –	590	660	19	14	2	16	0	0	0	0	2	0	18
209	Kincardine O'Neil, – – –	2186	2000	48	25	14	55	0	0	0	0	1	0	56
210	King-Edward—(1) King-Edward, –	1050	1058	27	13	7	32	0	0	0	0	0	0	32
	(2) New Byth, –	1793	2053	75	33	13	87	0	0	0	0	7	0	94
211	KINNELLAR, – – –	691	601	20	12	5	19	0	1	0	0	3	0	23
212	Kinnethmont, – – –	1187	1062	29	21	5	30	0	0	0	0	1	0	31
213	KINTORE, – – –	1895	2158	80	47	17	64	0	0	0	0	2	0	66
214	Leochel-Cushnie, – – –	1173	1232	31	12	5	41	0	0	0	0	2	0	43
215	Leslie, – – – –	577	532	12	5	2	9	0	0	0	0	0	0	9
216	Logie-Buchan, – – –	762	808	35	12	4	17	0	0	0	0	1	0	18
217	Logie-Coldstone, – – –	932	900	25	20	6	24	0	0	0	0	1	0	25
218	Longside,– – – –	3008	3321	121	58	18	118	0	0	0	0	4	0	122
219	Lonmay, – – – –	2142	2245	55	42	12	70	0	0	0	0	7	0	77
220	Lumphanan, – – –	1251	1239	33	12	7	25	0	0	0	1	2	0	28
221	Methlic, – – – –	2157	2084	57	23	17	74	0	0	0	0	1	0	75
222*a*	Midmar, – – – –	1091	1127	33	15	3	24	0	0	0	0	0	1	25
222*b*	Millbrex, – – – –	1357	1484	56	19	14	39	0	0	0	0	2	0	41
223	Monquhitter, – – –	2303	2670	86	26	14	70	0	0	0	0	4	0	74
224	Monymusk, – – –	988	996	30	6	6	24	0	0	0	0	0	1	25

225	New Deer,	3736	4147	131	67	27	114	6	0	0	0	11	0	131
226	Newhills,	3463	4210	153	68	37	146	0	0	0	0	11	0	157
227*a*	New Machar,	1556	1520	43	15	10	38	0	0	0	0	3	0	41
227*b*	New Pitsligo,	2609	3090	129	65	20	103	2	0	0	0	4	0	109
228	Old Deer,	4392	4434	153	79	24	129	1	0	0	0	9	0	139
229	Old Meldrum,	2343	2330	82	42	18	67	0	0	0	0	5	1	73
230	Oyne,	1127	1050	38	18	6	25	0	0	0	0	4	0	29
231	Peterculter,	1483	1668	58	22	13	40	0	0	0	0	0	0	40
232	PETERHEAD,	9796	11506	522	336	95	478	0	0	0	0	27	8	513
233	Pitsligo,	1890	2218	86	37	10	87	0	0	0	0	3	0	90
234	Premnay,	916	997	33	6	10	33	0	0	0	0	1	0	34
235	Rathen,	2554	2850	91	51	27	84	0	0	0	0	4	0	88
236	Rayne,	1514	1409	38	17	12	37	0	0	0	0	3	0	40
237*a*	Rhynie,	1061	1195	39	17	6	30	1	0	0	0	4	0	35
237*b*	Savoch,	2061	1961	72	33	9	60	0	0	0	0	3	1	64
238	Skene,	1831	1842	47	24	6	42	0	0	0	0	0	1	43
239	Slains,	1266	1355	35	17	6	41	0	0	0	0	4	0	45
240	Strathdon,	1735	1761	41	30	8	41	1	5	0	0	3	0	50
241	Strichen,	2409	2254	79	44	18	63	1	0	0	0	11	1	76
242	Tarland,	970	983	18	14	5	38	0	0	0	0	1	0	39
243	Tarves,	2377	2288	66	31	10	64	1	0	0	0	5	2	72
244	Tough,	874	760	17	11	4	26	1	0	0	0	1	0	28
245	Towie,	839	798	14	10	6	26	0	1	0	0	1	0	28
246	Tullynessle and Forbes,	957	970	34	13	14	26	0	0	0	0	0	0	26
247	Turriff,	3693	4348	148	66	24	130	0	0	0	0	16	6	152
248	Tyrie,	833	869	35	10	10	20	0	0	0	0	1	0	21
249*a*	Udny,	1623	1626	50	26	11	53	0	0	0	0	3	0	56
249*b*	Ythan Wells,	1517	1494	45	15	7	44	2	0	0	0	2	0	48
	11. Kincardine.													
250	Arbuthnott,	932	924	18	7	7	25	0	0	0	0	1	0	26
251	BANCHORY-DEVENICK—													
	(1) BANCHORY-DEVENICK.	1159	1263	41	29	11	35	0	0	0	0	0	0	35
	(2) Portlethen,	1687	1789	41	27	12	47	0	2	0	0	3	0	52
252	Banchory-Ternan,	2947	2875	85	47	11	72	0	0	0	0	6	0	78
253	BENHOLM	1574	1569	54	30	10	46	1	0	0	0	4	0	51
254	BERVIE,	1561	1843	73	26	17	67	0	0	0	0	3	0	70
255	Dunnottar,	1828	2102	63	31	18	63	2	0	0	0	3	0	68
256	Durris,	1109	1021	38	6	10	33	0	0	0	0	0	0	33
257	Fettercairn,	1700	1539	52	21	12	39	0	0	0	0	4	0	43
258	Fetteresso—(1) Fetteresso,	3575	3585	94	100	19	83	0	0	0	0	16	1	100
	(2) Cookney,	1952	2080	72	30	17	72	0	0	0	0	1	0	73
259	Fordoun,	2297	2113	58	34	17	54	1	0	0	0	7	0	62
260	Garvock,	458	476	12	3	1	13	1	0	0	0	0	1	15
261	Glenbervie,	1219	1073	29	15	7	29	0	0	0	0	0	0	29
262	Kinneff and Catterline,	1054	1062	19	10	13	28	1	0	0	0	1	2	32
263	Laurencekirk,	2110	2174	66	57	9	64	1	0	0	0	3	0	68
264	Maryculter,	1055	1110	29	15	7	19	0	0	0	0	1	0	20
265	Marykirk,	2068	1771	53	27	14	48	0	0	0	0	5	0	53
266	Nigg,	2074	2348	115	41	23	93	2	1	0	0	11	0	107

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	KINCARDINE—*continued.*													
267	St Cyrus,– – – –	1552	1585	34	19	13	47	0	0	0	0	3	0	50
268	Strachan,– – – –	870	795	14	8	4	23	0	0	0	0	0	0	23
	IV. EAST-MIDLAND DIVISION.													
	12. FORFAR.													
269	Aberlemno, – – – –	1054	1007	28	10	7	32	0	0	0	0	1	0	33
270	Airlie, – – – – –	845	778	20	10	3	22	0	0	0	0	0	0	22
271	Arbirlot, – – – – –	960	919	19	8	8	25	0	0	0	0	1	0	26
272	ARBROATH, – – – –	17831	20169	725	478	171	604	1	0	0	0	57	4	666
273	Auchterhouse, – – – –	706	721	24	26	2	18	0	0	0	0	1	0	19
274	BARRY, – – – – –	2465	3008	91	69	19	76	0	1	0	0	7	1	85
275	BRECHIN, – – – –	8810	9514	291	160	59	256	3	0	0	0	31	1	291
276	Carmylie, – – – –	1286	1309	35	16	12	46	0	0	0	0	1	0	47
277	Careston, – – – –	225	209	10	3	1	7	0	0	0	0	0	0	7
278	Cortachy and Clova, – – –	653	554	10	14	4	14	0	0	0	0	0	1	15
279	COUPAR-ANGUS, – – –	2642	2797	77	46	22	76	1	0	0	0	7	1	85
280	CRAIG, – – – – –	2177	2402	89	51	14	72	0	0	0	0	8	0	80
281	Dun, – – – – –	552	565	17	9	4	15	0	0	0	0	0	0	15
282	DUNDEE—(1) St Peter, – –	91664	22894	938	727	215	787	2	3	0	1	97	13	903
	(2) St Mary, – –		23582	1001	974	249	840	2	0	0	1	143	18	1004
	(3) St Clement, – –		25090	1065	845	305	811	2	3	0	2	137	14	969
	(4) St Andrew – –		38082	1659	1274	374	1420	6	2	0	33	182	13	1656
	(5) Lochee, – –		11076	438	350	109	354	0	11	0	0	49	9	423
283	Dunnichen, – – – –	1932	1536	47	30	12	42	0	0	0	0	4	0	46
284	Eassie and Nevay, – – –	748	586	16	6	6	15	0	0	0	0	0	0	15
285	Edzell, – – – – –	1025	976	21	13	8	19	0	0	0	0	0	0	19
286	Farnell, – – – – –	703	580	14	9	5	18	0	0	0	0	2	0	20
287	Fearn, – – – – –	439	348	6	2	1	13	0	0	0	0	0	0	13
288	FORFAR, – – – –	10838	12585	441	265	104	422	0	0	0	0	51	1	474
289	Glammis,– – – –	1980	1813	46	27	10	41	0	0	0	0	1	3	45
290	Glenisla, – – – –	1008	925	18	11	5	15	0	0	0	0	1	0	16
291	Guthrie, – – – –	476	404	9	5	6	13	0	0	0	0	0	0	13
292	Inverarity, – – – –	961	888	33	5	5	18	0	0	0	0	1	0	19
293	Inverkeillor, – – – –	1792	1521	50	22	12	47	0	0	0	0	2	0	49
294	Kettins, – – – –	962	855	29	8	6	22	0	0	0	0	2	0	24
295	Kingoldrum, – – –	473	409	6	3	2	8	0	0	0	0	0	0	8

296	Kinnell, – – – –	816	766	21	8	5	22	0	0	0	0	1	0	23
297	Kinnettles, – – –	447	405	12	5	2	9	0	0	0	0	1	0	10
298	Kirkden, – – – –	1862	1623	59	27	8	59	0	0	0	0	3	0	62
299	KIRRIEMUIR, – – –	7359	6420	169	127	45	164	0	0	0	0	17	0	181
300	Lethnott and Navar, – –	446	318	10	3	3	7	0	0	0	0	0	0	7
301	Liff, Benvie, and Invergowrie, –	1430	1357	37	36	6	44	0	1	0	0	0	0	45
302	Lintrathen, – – –	898	756	19	5	8	21	0	0	0	0	0	4	25
303	Lochlee, – – – –	495	424	8	8	0	3	0	0	0	0	0	0	3
304	Logie-Pert, – – –	1483	1251	37	15	8	21	0	0	0	0	1	0	22
305	Lunan, – – – –	259	248	8	4	1	7	0	0	0	0	1	0	8
306	Lundie, – – – –	442	400	8	7	4	12	1	0	0	0	1	0	14
307	Mains, etc.—(1) Mains, –	1392	1927	69	52	16	61	0	0	0	1	10	0	72
	(2) Strathmartine, –	789	822	30	22	3	32	1	1	0	0	1	0	35
308	Marytown, – – –	417	396	9	7	4	17	0	0	0	0	0	0	17
309	Menmuir,– – – –	796	761	21	6	1	26	0	0	0	0	1	0	27
310	MONIFIETH, – – –	5052	7252	294	130	45	239	2	0	0	0	15	0	256
311	Monikie, – – – –	1460	1397	41	18	8	32	0	0	0	0	4	0	36
312	MONTROSE, – – –	15668	15783	445	368	99	404	0	0	0	0	40	3	447
313	Murroes, – – – –	763	751	31	14	2	20	0	0	0	0	1	0	21
314	Newtyle, – – – –	1139	931	29	28	9	33	1	0	0	0	1	0	35
315	Oathlaw, – – – –	399	452	12	6	2	11	0	0	0	0	1	0	12
316	PANBRIDE, – – –	1299	1331	36	31	12	38	0	0	0	0	4	0	42
317	Rescobie, – – – –	747	748	16	9	1	21	0	1	0	0	1	0	23
318	Ruthven, – – – –	265	247	9	7	0	5	0	0	0	0	0	0	5
319	St Vigeans, – – –	2553	2513	94	29	20	62	0	0	0	0	3	0	65
320	Stracathro, – – –	546	503	21	7	2	10	0	0	0	0	0	0	10
321	Tannadice, – – –	1438	1286	38	19	12	33	0	0	0	0	1	0	34
322	Tealing, – – – –	883	879	32	13	8	19	1	0	0	0	1	0	21
	13. PERTH.													
323	Aberdalgie, – – –	295	342	12	4	3	6	0	0	0	0	1	0	7
324	Aberfeldy, – – –	2402	2286	58	44	10	45	0	0	0	0	2	1	48
325	Aberfoyle, – – –	565	432	7	8	1	11	0	0	0	0	0	0	11
326	Abernethy, – – –	1960	1744	45	23	14	50	0	0	0	0	1	0	51
327	Abernyte, – – –	310	253	6	6	0	4	1	0	0	0	1	0	6
328*a*	ALYTH, – – – –	3198	3151	95	66	12	80	0	0	0	0	12	6	98
328*b*	Ardoch, – – – –	1418	1316	36	29	8	35	0	0	0	0	1	0	36
329	AUCHTERARDER, – – –	4208	3795	99	96	26	98	3	2	0	0	9	1	113
330	Auchtergaven, – – –	2562	2141	50	53	14	49	0	0	0	0	5	0	54
331	Balquhidder, – – –	746	743	16	13	5	18	0	0	0	0	3	0	21
332	Bendochy, – – –	549	474	17	5	3	15	0	0	0	0	0	0	15
333	Blackford, – – –	2041	1836	50	38	10	40	0	0	0	0	4	0	44
334	Blair-Athol, – – –	1553	1718	38	32	5	51	0	0	0	0	3	1	55
335	BLAIRGOWRIE, – – –	4423	4832	125	99	26	127	1	0	0	0	15	0	143
336	Callander, – – –	1676	1870	46	38	4	45	0	0	0	0	6	1	52
337	Caputh, – – – –	1728	1571	31	19	10	28	0	0	0	0	2	0	30
338	Cargill, – – – –	1647	1411	40	23	10	42	0	0	0	0	2	0	44
339	Clunie, – – – –	699	603	21	8	6	14	0	0	0	0	2	0	16
340	Collace, – – – –	534	456	11	4	4	11	0	0	0	0	0	0	11
341	Comrie, – – – –	2226	1911	34	37	5	37	0	0	0	0	6	0	43

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
	PERTH—*continued.*													
342	CRIEFF, – – –	4490	4598	121	111	24	105	0	0	0	1	12	2	120
343	CULROSS, – – –	1423	1354	42	27	7	22	0	0	0	0	0	0	22
344	Dowally, – – – –	486	461	12	7	4	5	0	0	0	0	1	0	6
345	Dron, – – – –	376	343	14	5	2	6	0	0	0	0	0	0	6
346	Dull, – – – –	753	677	11	8	5	7	0	0	0	0	1	0	8
347	Dunbarney, – – –	1035	913	21	14	6	16	0	0	0	0	3	1	20
348	Dunblane, – – –	2528	2765	79	73	15	84	3	0	0	0	10	2	99
349	Dunkeld, – – – –	1086	881	20	19	2	17	0	0	0	0	3	1	21
350	Dunning, – – –	2084	1832	43	34	9	44	0	0	0	0	5	0	49
351	Errol, – – – –	2759	2504	64	33	8	68	1	0	0	0	1	1	71
352	Findo-Gask, – – –	399	369	11	6	2	9	0	0	0	0	1	0	10
353	Forgandenny, – – –	739	632	9	7	2	17	0	1	0	0	1	0	19
354	Forteviot, – – –	595	567	15	14	4	22	0	0	0	0	0	2	24
355*a*	Fortingall, – – –	1244	1014	22	9	6	30	0	0	0	0	1	0	31
355*b*	Foss, – – – –	381	270	7	4	0	3	0	0	0	0	1	1	4
356	Fowlis-Easter, – – –	317	291	12	5	2	9	0	0	0	0	2	1	12
357	Fowlis-Wester, – – –	1276	1028	25	17	4	27	0	0	0	0	0	0	27
358	Glendevon, – – –	138	105	2	3	0	3	0	0	0	0	0	0	3
359	Inchture, – – – –	659	659	24	8	8	27	0	0	0	0	0	1	28
360	Kenmore, – – – –	1515	1215	31	23	11	29	0	0	0	0	2	1	32
361	Killin, – – – –	1681	1977	34	33	5	31	1	0	0	0	1	0	33
362	Kilmadock, – – –	3312	3170	72	68	18	61	3	0	0	0	8	5	77
363	Kilspindie, – – –	665	679	29	14	6	18	0	0	0	0	2	0	20
364	Kincardine, – – –	1778	1484	34	20	14	34	0	0	0	0	1	1	36
365	Kinclaven, – – –	758	607	18	9	4	16	0	0	0	0	0	0	16
366	Kinfauns, – – –	657	578	15	11	1	12	0	0	0	0	0	0	12
367	Kinloch-Rannoch, – – –	1147	921	22	13	4	18	0	0	0	0	1	0	19
368	Kinnaird, – – –	318	299	11	2	1	7	0	0	0	0	0	0	7
369	Kinnoull, – – –	796	723	20	9	0	18	0	0	0	0	0	0	18
370	Kirkmichael—(1) Kirkmichael, –	812	657	23	10	1	16	0	0	0	0	1	0	17
	(2) Glenshee, –	334	241	2	5	1	5	0	0	0	0	0	0	5
371	LECROPT, – – –	538	535	22	11	0	20	0	0	0	0	0	0	20
372	Lethendy, etc.—(1) Lethendy, –	235	179	2	2	2	5	0	0	0	0	0	0	5
	(2) Kinloch, –	295	251	5	1	2	4	0	0	0	0	0	1	4
373	Little Dunkeld, – – –	2089	2352	47	50	12	52	0	0	0	0	5	3	58
374	LOGIE, – – – –	3483	4553	106	96	21	82	1	0	0	0	5	0	91
375	Logiealmond, – – –	815	646	11	8	1	14	0	0	0	0	2	0	16

376	Logierait, – – –	1902	1739	29	31	6	46	0	0	0	0	3	1	50
377	Longforgan, – – –	1823	1753	60	17	7	62	0	0	0	0	5	1	68
378	Madderty, – – –	536	523	9	7	4	10	0	0	0	0	0	0	10
379	Meigle, – – – –	1122	1003	28	9	8	21	0	0	0	0	2	0	23
380	Methven, – – –	2290	2073	50	53	11	36	0	0	0	0	4	0	40
381	Moneydie, – – –	252	244	3	3	0	4	0	0	0	0	0	0	4
382	Monzie, – – – –	461	413	9	5	2	6	0	0	0	0	0	0	6
383	Monzievaird, – – –	782	744	19	12	2	21	0	0	0	0	0	1	22
384	Moulin, – – – –	1605	1561	40	22	10	30	0	0	0	0	0	0	30
385	MUCKHART, – – –	615	612	10	4	3	13	0	0	0	0	3	1	17
386*a*	MUTHILL, – – –	2001	1916	41	34	11	36	0	0	0	0	2	0	38
386*b*	Persie, – – – –	839	820	22	12	2	21	0	0	0	0	5	0	26
387	PERTH, – – –	26094	26382	867	700	235	654	0	0	0	0	82	14	750
388	Port of Menteith, – – –	1375	1243	17	20	7	24	1	0	0	0	2	0	27
389	RATTRAY, – – –	2234	2586	84	71	18	71	0	0	0	0	4	0	75
390	Redgorton, – – –	1596	1401	32	23	10	33	0	0	0	0	2	0	35
391	Rhynd, – – – –	297	327	9	3	0	6	0	0	0	0	0	0	6
392	St Madoes, – – –	280	290	6	5	0	10	0	0	0	0	2	0	12
393	St Martins, – – –	904	735	22	7	5	23	0	0	0	0	0	1	24
394*a*	Scone, – – – –	2153	2185	65	45	17	40	0	1	0	0	2	0	43
394*b*	Strathfillan, – – –	411	342	6	6	1	6	1	0	0	0	1	0	8
394*c*	Tenandry, – – –	595	530	17	6	1	8	0	0	0	0	0	0	8
395	Tibbermore, – – –	1182	1128	33	21	6	22	0	0	0	0	3	0	25
396	Trinity-Gask, – – –	488	415	11	4	2	14	0	0	0	0	2	1	17
397	Tulliallan, – – – –	2410	2184	72	50	14	56	0	0	0	0	5	1	62
398	Weem, – – – –	215	186	5	1	0	4	0	0	0	0	0	0	4
	14. FIFE.													
399	Abbotshall, – – –	808	674	23	8	1	15	0	0	0	0	1	0	16
400	ABDIE, – – – –	1257	1057	32	24	6	30	0	0	0	0	2	0	32
401	Aberdour, – – –	1874	1697	60	36	12	50	0	0	0	0	4	0	54
402	ANSTRUTHER-EASTER, –	1155	1239	42	20	10	44	0	0	0	0	2	0	46
403	ANSTRUTHER-WESTER, –	421	545	22	13	2	15	0	0	0	0	1	0	16
404	Arngask, – – –	705	565	18	10	7	16	0	0	0	0	0	0	16
405	AUCHTERDERRAN, – – –	3457	4017	222	99	24	198	1	0	0	0	17	0	216
406	AUCHTERMUCHTY, – – –	3285	2958	60	54	11	83	0	0	0	0	6	1	90
407	Auchtertool, – – –	609	529	22	9	4	24	0	0	0	0	1	0	25
408	BALLINGRY, – – –	736	982	81	33	9	53	0	0	0	0	5	0	58
409	Balmerino, – – –	815	717	16	11	3	24	0	0	0	0	3	1	28
410	Beath, – – – –	2390	3534	222	119	34	190	2	0	0	0	19	0	211
411	BURNTISLAND, – –	3670	3872	132	82	28	107	1	0	0	0	11	4	123
412	Cameron, – – –	1362	1158	30	10	3	30	0	0	0	0	1	0	31
413	Carnbee, – – –	1157	1088	23	8	1	30	0	0	0	0	2	0	32
414	Carnock, – – –	2925	1764	57	31	13	53	0	0	0	0	3	1	57
415	Ceres, – – – –	2723	2381	57	40	10	52	2	0	0	0	2	1	57
416	Collessie, – – –	1530	1703	67	29	10	51	0	0	0	0	0	0	51
417	CRAIL, – – – –	1931	1864	59	36	17	54	0	0	0	0	3	0	57
418	Creich, – – – –	377	387	15	3	5	9	0	0	0	0	0	0	9
419	Cults, – – – –	800	767	23	13	5	24	0	0	0	0	2	0	26
420	CUPAR, – – –	6750	7102	190	132	50	166	0	1	0	0	16	0	183

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.								
									Insusceptible of Vaccine Disease.						
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	On the ground of Children having already had Small-pox.	In respect of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
	FIFE—*continued.*													
421	Dairsie,	638	687	22	17	3	22	0	0	0	0	0	0	22
422	Dalgetty,	1569	1310	67	25	14	49	0	0	0	0	4	0	53
423	Dunbog,	414	395	11	10	6	14	1	0	0	0	0	0	15
424	DUNFERMLINE—(1) Burgh,	13506	14963	615	360	169	554	4	1	0	0	52	3	614
	(2) Landward,	7609	8293	313	162	49	262	5	0	0	0	29	6	302
425	Dunino,	370	325	7	0	3	6	0	0	0	0	0	0	6
426	DYSART,	8842	9682	386	224	80	318	2	0	0	0	21	1	342
427	Elie,	826	775	12	16	6	20	0	0	0	0	1	0	21
428	FALKLAND,	2937	3069	77	63	19	75	0	0	0	0	7	0	82
429	Ferry-Port-on-Craig,	2013	2674	92	73	22	84	2	1	0	0	9	1	97
430	Flisk,	230	212	7	2	1	8	0	0	0	0	0	0	8
431	Forgan,	1326	2243	71	38	16	58	0	0	0	0	2	0	60
432	INVERKEITHING,	3196	3131	106	76	25	98	2	0	0	0	8	0	108
433	Kemback,	896	1056	21	14	14	23	0	0	0	0	1	0	24
434	Kennoway,	2012	1703	41	37	14	27	0	0	0	0	2	0	29
435	Kettle,	2474	2323	58	26	15	52	0	0	0	0	3	0	55
436	KILCONQUHAR,	2431	2018	50	32	12	57	0	0	0	0	2	0	59
437	Kilmany,	656	651	16	8	3	23	0	0	0	0	1	0	24
438	KILRENNY,	2534	2945	108	47	12	108	0	0	0	0	4	0	112
439	KINGHORN,	2349	2602	89	78	28	71	0	0	0	0	7	0	78
440	Kinglassie,	1266	1082	58	34	7	42	0	0	0	0	0	0	42
441	Kingsbarns,	937	922	20	8	21	32	0	0	0	0	0	0	32
442	KIRKCALDY,	11117	12835	481	265	114	394	6	2	0	0	41	6	449
443	Largo,	2626	2318	70	50	21	68	1	0	0	0	2	0	71
444	Leslie,	4332	4294	130	77	27	113	0	0	0	0	12	1	126
445	Leuchars,	1903	1727	50	27	9	53	1	0	0	0	4	0	58
446	Logie,	410	402	10	7	3	15	0	0	0	0	2	0	17
447	Markinch,	5375	5413	179	127	44	176	1	0	0	0	8	1	186
448	Moniemail,	1054	918	25	13	3	23	0	0	0	0	1	0	24
449	Moonzie,	179	154	4	1	1	5	0	0	0	0	0	0	5
450	NEWBURGH,	2693	2529	79	29	15	72	0	0	0	0	4	0	76
451	Newburn,	374	362	11	6	2	7	0	0	0	0	0	0	7
452	PITTENWEEM,	1710	1803	66	37	10	50	0	0	0	0	6	0	56
453	ST ANDREWS and St Leonards,	7605	8592	198	120	41	201	0	0	0	1	13	1	216
454	St Monance (or Abercrombie),	1498	1761	71	37	13	57	1	0	0	0	4	0	62
455	Saline,	1610	1259	39	31	12	35	0	0	0	0	5	0	40
456	Scoonie,	3257	3178	108	62	17	81	0	0	0	0	4	0	85

457	Strathmiglo, – – –	2261	2267	56	41	15	64	0	0	0	0	4	0	68
458	Torryburn, – – –	1229	1051	35	15	12	31	0	0	0	0	1	0	32
459	Wemyss—(1) Wemyss, – –	6003	c. 2492	110	74	20	268	2	0	0	1	25	1	297
	(2) Buckhaven, – –		c. 3908	170	114	23								
	15. Kinross.													
460	Cleish, – – – –	649	539	17	4	2	16	0	0	0	0	2	0	18
461	Fossoway and Tulliebole, – –	1584	1461	42	29	5	27	0	0	0	0	3	1	31
462	Kinross, – – –	2649	2477	64	48	16	58	0	0	0	0	7	0	65
463	Orwell, – – – –	2399	2248	54	38	22	34	0	0	0	0	1	0	35
464	Portmoak, – – –	1450	1193	36	17	2	25	0	0	0	0	4	0	29
	16. Clackmannan.													
465	Alloa, – – – –	8867	9940	428	224	68	352	0	0	0	0	44	3	399
466	Clackmannan, – – –	4425	4653	207	88	34	163	1	0	0	0	14	1	179
467	Dollar, – – – –	1776	2524	57	38	10	57	0	0	0	0	8	1	66
468	Tillicoultry, – – –	5054	5118	161	109	26	167	0	0	0	0	17	0	184
	V. WEST-MIDLAND DIVISION.													
	17. Stirling.													
469	Airth, – – – –	1194	1396	75	45	11	46	0	0	0	0	8	1	55
470	Alva, – – – –	3283	4296	191	91	20	181	1	0	0	0	22	2	206
471	Baldernock, – – –	718	616	23	10	4	7	0	0	0	0	1	0	8
472	Balfron, – – – –	1517	1502	38	30	5	29	0	0	0	0	4	1	34
473	Bothkennar,* – – –	c. 1210	1726	80	38	16	104	0	0	0	0	14	2	120
474	Buchanan, – – –	705	591	11	6	5	18	0	0	0	0	1	0	19
475	Campsie, – – –	6483	6739	232	162	44	207	0	0	0	0	19	5	231
476	Denny, – – – –	4988	4993	217	86	58	195	1	0	0	0	11	3	210
477	Drymen, – – –	1619	1405	43	19	6	33	0	0	0	0	4	0	37
478	Dunipace, – – –	1731	1733	67	32	10	47	0	0	0	0	1	0	48
479	Falkirk—(1) Burgh, –	9030	9547	409	304	70	331	4	1	0	10	38	8	392
	(2) Landward,* –	c. 6320	6726	302	173	66	340	0	0	0	2	22	5	369
480	Fintry, – – – –	685	499	13	9	1	16	0	0	0	0	0	0	16
481*a*	Gargunnock, – – –	728	675	22	15	6	16	0	0	0	0	1	0	17
481*b*	Grangemouth,* – – –	c. 2249	2569	119	58	8								
482	Killearn, – – – –	1171	1111	24	17	7	31	0	0	0	0	1	1	33
483	Kilsyth, – – –	6112	6313	313	109	64	261	0	0	0	0	21	6	288
484	Kippen, – – – –	1722	1568	45	25	5	36	0	0	0	0	3	4	43
485	Larbert, – – – –	4999	5280	214	183	35	178	0	0	0	0	16	1	195
486	Muiravonside, – – –	2660	2653	117	67	18	114	0	0	0	0	11	1	126
487	Polmont,* – – –	c. 4050	3848	163	77	29	167	1	0	0	0	11	1	180
488	St Ninians—(1) St Ninians –	4693	5289	184	141	27	161	2	0	0	0	17	1	181
	(2) Bannockburn, –	3796	4358	180	92	39	162	1	0	0	0	8	2	173
489	Slammanan, – – –	2916	4164	265	92	42	197	0	0	0	0	14	8	219
490	Stirling, – – –	12171	12513	450	359	137	368	8	1	0	0	34	9	420
491	Strathblane, – – –	1388	1235	42	16	10	36	0	0	0	0	4	0	40
	18. Dumbarton.													
492	Arrochar, – – –	629	525	10	14	0	6	0	0	0	0	0	0	6
493	Bonhill, – – –	9059	9593	318	241	104	295	0	1	0	0	28	3	327
494	Cardross, – – –	4168	4405.	153	114	35	146	2	0	0	0	13	4	165

* Grangemouth was constituted in 1874, and is composed of parts of the Districts of Bothkennar, Falkirk (Landward), and Polmont. In 1871, the populations of these three Districts before alteration were:—Bothkennar, 2455; Falkirk (Landward), 8504; and Polmont, 3910.

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination or otherwise unaccounted for.	Total Births for 1873.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	DUMBARTON—*continued.*													
495	Cumbernauld, – – –	3513	3602	152	69	27	123	0	0	0	0	10	0	133
496	DUMBARTON, – – –	8268	11423	566	460	80	469	0	2	7	0	49	6	533
497	Kilmaronock, – – –	1085	978	18	17	7	19	0	0	0	0	2	0	21
498	KIRKINTILLOCH, – – –	8179	8257	367	284	60	323	0	0	0	0	33	8	364
499	Luss, – – – –	831	730	9	14	1	13	0	0	0	0	0	1	14
500	NEW or EAST KILPATRICK – –	4910	6038	278	127	35	230	0	0	0	0	18	4	252
501	Old or West Kilpatrick, – –	5577	5346	263	151	47	185	2	0	0	0	22	27	236
502	Roseneath, – – –	1626	1780	40	23	8	28	0	0	0	0	8	3	39
503	Row, – – – –	6334	8439	217	153	51	163	9	0	0	0	16	19	207
	19. ARGYLL.													
	Mainland.													
504	Ardchattan, – – –	1381	1172	24	22	0	28	0	0	0	0	1	0	29
505	Ardnamurchan—(1) Aharacle, –	1544	1414	40	22	7	41	0	0	0	0	3	0	44
	(2) Arisaig, – –	1343	1131	27	19	4	19	0	0	0	0	0	3	22
	(3) Sunart (or Strontian), –	759	760	19	4	3	13	1	0	0	0	1	0	15
	(4) Western Ardnamurchan,	1054	954	34	13	1	15	7	0	0	0	0	0	22
506	Ballachulish and Corran of Ardgour, –	919	849	17	15	2	15	0	0	0	0	0	0	15
507	CAMPBELTOWN, – –	8149	8580	302	172	47	231	1	0	0	0	22	19	273
508	Craignish, – – –	618	481	13	4	1	11	0	0	0	0	0	0	11
509	Cumlodden, – – –	c. 1340	c. 1133	29	21	2	32	1	0	0	0	2	1	36
510	DUNOON and KILMUN, – –	5461	6871	197	140	29	169	1	0	0	0	6	4	180
511	Glassary, – – –	c. 1462	c. 1228	29	17	6	28	1	0	0	0	2	0	31
512	Glenorchy, – – –	869	752	13	11	6	20	0	0	0	0	1	0	21
513	INVERARAY, – – –	1650	1503	38	30	5	22	0	0	0	0	4	2	28
514	Inverchaolain, – – –	424	443	10	5	1	10	0	0	0	0	0	0	10
515	Kilbrandon and Kilchattan, – –	2053	2107	51	41	13	47	2	0	0	0	2	1	52
516	Kilcalmonell, etc.—(1) Kilcalmonell –	742	684	13	8	3	20	0	0	0	0	0	0	20
	(2) Kilberry –	583	485	5	7	1	12	0	0	0	0	0	1	13
517	Kilchrenan, etc.—(1) Kilchrenan, –	587	396	9	3	1	9	0	0	0	0	0	0	9
	(2) Dalavich, –	230	217	5	3	0	5	0	0	0	0	0	0	5
518	Kilfinan, – – – –	1891	2228	55	30	11	57	0	0	0	1	1	3	62
519	Killean and Kilchenzie, – –	1890	1614	37	20	7	37	0	0	0	0	4	1	42
520	Kilmalie, – – –	3353	3217	90	68	10	52	5	0	0	0	8	1	66
521	Kilmartin, – – –	949	869	21	27	1	31	0	0	0	0	3	0	34
522	Kilmodan, – – –	433	358	3	5	1	7	0	0	0	0	0	0	7

523	KILMORE AND KILBRIDE, –	2962	3402	102	90	20	44	36	0	0	0	10	2	92
524	Kilninver, etc.—(1) Kilninver, –	314	253	7	3	1	2	0	0	0	0	2	1	5
	(2) Kilmelford, –	486	506	5	4	1	17	0	0	0	0	0	3	20
525	Lismore, etc.—(1) Lismore, – –	1023	908	18	15	4	13	1	1	0	0	4	0	19
	(2) Appin, – –	825	728	15	8	3	14	0	0	0	0	2	0	16
	(3) Glencoe and Ballachulish	1324	1529	34	23	2	18	9	0	0	0	5	2	34
	(4) Duror, – –	423	370	4	0	0	5	0	0	0	0	0	0	5
526	Lochgilphead, – – –	3312	3680	84	63	14	81	0	0	0	0	4	6	91
527	Lochgoilhead, etc.—(1) Lochgoilhead, –	418	436	12	7	3	7	0	0	0	0	0	0	7
	(2) Kilmorich, –	284	330	14	6	0	5	0	0	0	0	0	0	5
528	Morvern, – – –	1226	973	23	20	2	20	1	0	0	0	2	0	23
529	Muckairn, – – –	965	790	16	12	11	11	0	0	0	0	1	0	12
530	North Knapdale, – – –	1327	1059	24	19	3	15	0	0	0	0	1	0	16
531	Saddell, etc.—(1) Saddell, – –	739	645	16	7	3	23	0	0	0	0	0	1	24
	(2) Skipness, – –	533	500	4	8	2	9	0	0	0	0	1	0	10
532	Southend, – – –	1214	1044	22	15	4	33	0	0	0	0	1	0	34
533	South Knapdale, – – –	654	548	8	7	2	8	0	0	0	0	0	0	8
534	Stralachlan, etc.—(1) Stralachlan, –	309	340	10	4	1	9	0	0	0	0	0	0	9
	(2) Strachur, –	563	527	15	8	2	12	0	0	0	0	2	0	14
535	Tarbert, – – – –	1661	1866	60	31	6	52	0	0	0	0	9	2	63
	Insular.													
536	Bowmore (or Killarrow), – –	2701	2088	37	30	11	47	0	0	0	0	5	0	52
537	Gigha, – – – –	467	390	13	5	0	8	0	0	0	0	0	0	8
538	Iona (merged in 542).													
539	Jura, etc.—(1) Jura, – –	858	775	17	21	2	14	0	0	0	0	1	1	16
	(2) Colonsay, – –	598	456	12	7	2	9	0	0	0	0	0	0	9
540	Kilchoman, – – –	2377	1882	35	38	2	39	0	0	0	0	1	1	41
541	Kildalton, – – –	2187	1916	62	51	9	37	2	0	0	0	2	0	41
542	Kilfinichen and Kilvickeon, – –	2535	2461	43	31	1	1	34	0	0	0	4	5	44
543	Kilmeny, – – –	1268	924	25	7	1	17	0	0	0	0	2	11	30
544	Kilninian and Kilmore, – –	1641	1189	19	26	3	19	0	0	0	0	1	0	20
545	Kinlochspelvie, – – –	428	388	11	8	1	6	0	0	0	0	1	0	7
546	Oa, – – – –	769	367	5	7	1	5	1	0	0	0	1	0	7
547	Portnahaven, – – –	1059	979	24	13	3	22	0	0	0	0	2	0	24
548	Salen, – – – –	604	605	10	5	2	13	0	0	0	0	0	2	15
549	Tobermory, – – –	1566	1344	27	44	3	17	0	0	0	0	2	0	19
550	Torosay, – – – –	557	454	9	7	1	7	0	0	0	0	0	0	7
551	Tyree, etc.—(1) Tyree, – –	3217	2837	80	64	12	61	0	0	0	0	5	1	67
	(2) Coll, – –	781	723	17	9	4	12	5	0	0	0	0	0	17
	20. BUTE.													
552	Cumbrae, – – –	1236	1613	45	33	16	48	0	0	0	0	2	1	51
553	Kilbride—(1) Brodick, – –	902	928	15	16	3	12	0	0	0	0	0	0	12
	(2) Kilbride, – –	1351	1276	24	24	5	19	0	0	0	0	0	0	19
554	Kilmory, – – – –	2515	2278	30	50	6	45	0	0	0	0	2	2	49
555	Kingarth, – – –	905	901	24	20	8	15	0	0	0	0	0	1	16
556	Lochranza, – – –	824	777	15	11	8	9	1	0	0	0	0	0	10
557	North Bute, – – –	1351	1393	28	22	5	29	0	0	0	0	1	1	31
558	ROTHESAY, – – –	7227	7800	222	238	45	162	1	0	0	0	12	22	197

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
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									On the ground of Constitutional Insusceptibility.	On the ground of previous Successful Vaccination.	In respect of the children having already had Small-pox.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	VI. SOUTH-WESTERN DIVISION.													
	21. RENFREW.													
559	Abbey—(1) Part of PAISLEY – –	15889	16348	609	440	146	569	0	0	1	0	66	9	645
	(2) LANDWARD, – –	5670	5679	248	137	27	213	0	1	0	0	13	1	228
	(3) JOHNSTONE, – –	8142	8590	351	221	77	290	2	0	0	0	21	16	329
560	CATHCART, – – –	3782	7231	346	147	83	287	0	0	0	0	17	2	306
561	Eaglesham, – – –	2328	1714	44	23	20	40	0	0	0	0	3	0	43
562	EASTWOOD, – – –	11314	13098	508	278	102	395	0	0	0	2	45	3	445
563	Erskine, – – –	1457	1565	44	18	7	41	0	0	0	0	1	1	43
564	GREENOCK—(1) New, or Middle, –	9446	9592	393	260	26	269	0	6	1	7	52	20	355
	(2) East, –	12135	17061	864	369	164	696	1	9	1	3	84	22	816
	(3) Old, or West, –	22313	33141	1549	1060	410	1265	1	9	8	8	157	58	1506
565	Houston and Killellan, – –	2490	2167	79	61	20	67	0	0	0	0	8	10	85
566	Inchinnan, – –	619	584	23	8	2	11	1	0	0	0	2	0	14
567	Innerkip—(1) Innerkip, –	1188	1393	33	19	5	37	0	0	0	0	2	0	39
	(2) GOUROCK, –	2307	3109	93	81	11	67	0	0	0	0	4	5	76
568	KILBARCHAN, – –	6348	6093	234	138	52	205	0	0	0	0	16	0	221
569	Kilmalcolm, – –	1455	1716	51	36	12	48	1	0	0	0	7	2	58
570	Lochwinnoch, – –	3821	3816	111	92	31	83	0	0	0	0	12	2	97
571	MEARNS, – –	3547	3543	101	75	21	113	0	0	0	0	12	2	127
572	NEILSTON—(1) Neilston, –	4577	4633	144	101	30	120	3	0	0	0	12	0	135
	(2) BARRHEAD, –	6436	6503	223	157	40	199	0	0	0	0	18	3	220
573	PAISLEY, – – –	31538	31909	1170	948	299	1084	1	1	0	0	106	38	1230
574	PORT-GLASGOW, –	7294	9912	521	265	109	424	3	0	0	5	51	8	491
575	RENFREW, – –	4650	5908	275	162	30	257	1	1	0	0	18	4	281
	22. AYR.													
576	ARDROSSAN—(1) OLD ARDROSSAN, –	3530	3336	132	77	48	125	0	0	0	0	4	1	130
	(2) NEW ARDROSSAN, –	3246	3929	160	89	33	145	0	2	1	0	7	3	158
577	AUCHINLECK, – –	4213	6174	293	148	40	256	2	0	0	0	27	1	286
578	AYR, – – – –	19659	19172	693	522	172	594	3	0	0	0	58	5	660
579	Ballantrae, – – –	1483	1277	42	32	7	45	0	0	0	0	1	0	46
580	Barr, – – – –	910	672	13	12	6	16	1	0	0	0	0	0	17
581	BEITH, – – – –	5775	6233	229	124	47	232	0	0	0	0	6	3	241
582	Colmonell, – – –	2588	2293	76	36	20	58	0	0	0	0	4	1	63
583	Coylton, – – – –	1604	1440	59	22	13	52	2	0	0	0	1	0	55
584	Craigie, – – – –	730	618	19	12	6	13	0	0	0	0	1	0	14
585	Dailly, – – – –	2050	1932	72	45	14	68	0	0	0	0	3	0	71

586	Dalmellington,	4194	6165	392	129	55	320	1	0	0	0	32	1	354
587	DALRY,	11156	10885	472	272	93	378	2	0	0	0	33	5	418
588	Dalrymple,	1325	1412	61	32	14	49	0	0	0	0	1	0	50
589	Dreghorn,	3283	3241	175	83	35	145	0	0	0	0	7	1	153
590	DUNDONALD—(1) Dundonald,	2095	1507	61	33	11	38	0	0	0	0	4	0	42
	(2) TROON,	2599	2870	85	53	25	75	0	0	0	0	9	0	84
591	Dunlop,	1038	1160	40	26	8	39	1	0	0	0	0	0	40
592	Fenwick,	1532	1318	27	22	10	32	0	0	0	0	3	1	36
593	GALSTON,	5254	6331	314	164	52	289	1	0	0	0	25	0	315
594	GIRVAN,	7053	5685	195	113	51	191	0	0	1	0	14	6	212
595	IRVINE,	8607	8462	392	302	100	363	2	0	0	0	29	11	405
596	KILBIRNIE,	5265	4953	185	122	50	183	3	0	0	0	19	0	205
597	KILMARNOCK,	23556	24072	1011	759	230	885	0	1	2	0	109	12	1009
598	Kilmaurs,	3526	3449	146	80	29	139	1	0	0	0	9	0	149
599	KILWINNING,	7717	7375	357	172	68	294	1	0	0	0	28	2	325
600	Kirkmichael,	2823	2254	74	43	17	72	1	0	0	0	3	1	77
601	Kirkoswald,	2060	1846	64	26	11	42	0	0	0	0	1	0	43
602	LARGS,	3620	4087	121	91	30	103	2	0	0	0	6	0	111
603	LOUDOUN,	4840	5525	229	113	58	195	1	0	1	0	28	0	225
604	Mauchline,	2303	2435	81	72	24	65	0	0	0	0	10	0	75
605	MAYBOLE,	6713	5900	211	147	59	190	0	0	1	0	18	0	209
606	Monkton and Prestwick,	1937	1744	45	34	15	56	0	0	0	0	5	0	61
607	MUIRKIRK,	3270	3253	155	87	33	133	1	0	0	0	14	1	149
608	New Cumnock,	2891	3434	196	92	39	137	0	0	0	0	18	2	157
609	Ochiltree,	1676	1656	44	19	17	31	0	0	0	0	0	0	31
610	OLD CUMNOCK,	3721	4041	184	103	37	162	0	0	0	0	12	6	180
611	RICCARTON,	5629	5845	311	188	60	268	0	0	0	0	29	2	299
612	St Quivox and Newton-upon-Ayr,	1870	1363	46	27	16	48	0	0	0	0	6	1	55
613	SORN,	4042	4032	150	103	29	110	0	0	0	0	13	0	123
614	Stair,	743	734	29	13	6	26	0	0	0	0	1	0	27
615	STEVENSTON,	5452	5019	237	118	43	235	0	0	0	0	19	2	256
616	STEWARTON,	4449	4478	167	117	34	137	0	0	0	0	15	0	152
617	Straiton,	1544	1443	42	14	11	43	1	0	0	0	3	0	47
618	Symington,	855	792	19	12	6	18	0	0	0	0	1	1	20
619	Tarbolton,	2669	3219	146	65	26	155	1	0	0	0	11	1	168
620	West Kilbride,	1988	1847	48	33	14	42	0	0	0	0	5	1	48
	23. LANARK.													
621	AVONDALE,	6125	5460	186	104	50	155	0	0	0	0	21	0	176
622	Barony—(1) MARYHILL,	6734	10235	662	397	82	456	3	0	1	1	47	15	523
	(2) SPRINGBURN,	8911	13994	768	703	102	527	0	1	1	6	53	64	652
	(3) SHETTLESTONE,	6914	7517	331	227	50	248	0	2	0	0	18	2	270
623	Biggar,	1999	2013	71	142	14	56	0	0	0	0	4	0	60
624	Blantyre,	3092	3472	212	47	41	127	1	0	0	0	15	0	143
625	BOTHWELL—(1) BOTHWELL,	7059	9193	437	287	67	382	4	0	0	0	43	1	430
	(2) HOLYTOWN,	10844	10099	514	294	92	461	0	0	3	0	45	10	519
626*a*	Cadder—(1) Western,	3023	3261	143	68	26	125	0	0	1	0	13	1	140
	(2) Eastern,	2925	3203	126	94	17	127	0	0	0	0	11	4	142
626*b*	Calderhead,	4034	4271	236	107	34	202	0	0	0	0	15	0	217
627	CAMBUSLANG,	3647	3740	214	101	25	137	1	0	0	0	7	4	149

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination or otherwise unaccounted for.	Total Births for 1873.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	LANARK—*continued.*													
628	CAMBUSNETHAN,	13118	18709	1062	566	195	914	1	2	0	0	87	14	1018
629	CARLUKE,	6176	7066	323	160	77	307	0	0	0	0	28	2	337
630	Carmichael,	836	708	16	13	2	20	0	0	0	0	0	0	20
631	Carmunnock,	734	702	17	16	5	17	0	1	0	0	3	1	22
632	Carnwath,	3584	5709	305	110	53	235	1	0	0	0	17	5	258
633	Carstairs,	1345	1718	57	33	15	54	0	0	0	0	2	0	56
634	Covington and Thankerton,	532	454	12	13	5	13	0	0	0	0	2	0	15
635	Crawford—(1) Crawford,	694	727	19	3	4	26	0	0	0	0	1	1	28
	(2) Leadhills,	896	1102	44	19	11	38	0	0	0	0	3	0	41
636	Crawfordjohn,	980	853	19	15	7	25	0	0	0	0	2	0	27
637	Culter,	665	593	12	8	1	15	0	0	0	0	1	0	16
638	DALSERF—(1) LARKHALL,	3629	5332	312	143	55	255	0	0	0	0	19	2	276
	(2) Dalserf,	1247	2009	142	52	13	86	0	1	0	0	8	10	105
639	DALZIEL,	5438	9175	544	323	85	469	2	0	0	0	73	15	559
640	Dolphington,	260	231	5	2	3	5	0	0	0	0	0	0	5
641	Douglas,	2490	2624	86	50	29	70	0	0	0	0	5	0	75
642	Dunsyre,	312	302	9	4	0	6	0	0	0	0	0	0	6
643	EAST KILBRIDE,	4064	3861	136	82	26	106	0	0	0	0	10	2	118
644	GLASGOW—(1) Central,	49678	57279	2369	2345	533	2005	1	1	1	13	310	105	2436
	(2) High,	48119	58466	2473	2467	761	2101	7	0	0	6	295	96	2505
	(3) Bridgeton,	45485	60628	3182	2498	685	2494	0	1	0	1	310	77	2883
	(4) Calton,	36625	38177	1422	1141	255	1193	0	0	0	1	137	60	1391
	(5) Clyde,	29975	26044	721	735	180	615	10	1	0	5	125	88	844
	(6) Blythswood,	28697	33443	895	685	512	769	6	3	0	0	79	19	876
	(7) Milton,	33360	46393	2252	1423	488	1828	3	1	0	9	215	72	2128
	(8) Anderston,	40945	52504	2045	1398	513	1771	4	2	0	0	162	43	1982
	(9) Tradeston,	38600	49176	1952	1334	649	1609	3	0	1	1	182	28	1824
	(10) Hutchesontown,	44019	55622	2734	1816	417	2304	2	1	0	0	259	56	2622
645	Glassford,	1938	1430	50	37	13	37	0	0	0	0	2	0	39
646	GOVAN—(1) GOVAN CHURCH,	11297	27116	2394	1428	394	1718	0	1	0	1	194	57	1971
	(2) PARK,	2428	5720	367	184	94	298	1	0	0	0	12	3	314
	(3) PARTICK,	14859	23918	1224	644	250	941	0	0	0	17	125	30	1113
647	HAMILTON,	14047	16803	759	469	146	627	1	1	2	4	73	37	745
648	LANARK,	7891	7841	230	203	59	187	0	0	0	0	13	9	209
649	Lesmahagow,	9266	8709	420	155	73	383	1	0	0	0	27	1	412
650	Libberton,	836	691	20	9	1	18	0	0	0	0	1	0	19
651	NEW MONKLAND—(1) AIRDRIE,	12922	13488	637	361	157	568	0	0	1	0	57	12	638
	(2) Landward,	7632	9264	596	288	83	464	2	0	0	0	41	8	515

652	OLD MONKLAND—(1) WESTERN,	–	6932	7873	407	194	62	331	0	0	0	0	25	4	360
	(2) COATBRIDGE,	–	15303	18410	969	582	155	806	0	1	1	0	84	12	904
	(3) EASTERN,	–	7308	7790	382	222	56	310	0	0	1	0	35	4	350
653	Pettinain,	– – –	407	366	12	8	1	5	0	0	0	0	1	0	6
654	RUTHERGLEN,	– – –	9335	10766	475	261	114	403	0	0	0	0	44	1	448
655	Shotts,	– – – –	4792	5699	329	208	37	243	0	0	0	0	31	13	287
656	STONEHOUSE,	– – –	3267	3177	141	85	32	129	0	0	0	0	13	2	144
657	Symington,	– – –	528	442	8	8	3	24	1	0	0	0	1	1	27
658	Walston,	– – –	480	425	10	5	3	9	0	0	0	0	0	0	9
659	Wandell and Lamington,	– –	380	332	9	2	3	8	0	0	0	0	0	0	8
660	Wiston and Roberton,	– –	786	680	11	12	3	13	0	0	0	0	1	1	15
	VII. SOUTH-EASTERN DIVISION.														
	24. LINLITHGOW.														
661	Abercorn,	– – –	965	933	28	13	7	21	0	0	0	0	3	0	24
662	BATHGATE—(1) BATHGATE,	– –	6572	6942	271	131	44	263	6	1	0	0	24	13	307
	(2.) ARMADALE,	–	3562	3187	183	65	33	142	0	0	0	0	18	8	168
663	BORROWSTOUNNESS,	– –	5698	4986	232	110	32	198	0	0	0	0	23	0	221
664	CARRIDEN,	– – –	1821	1799	68	28	15	65	0	0	0	0	8	3	76
665	Dalmeny,	– – –	804	916	40	9	2	28	0	0	0	0	3	0	31
666	Ecclesmachen,	– – –	309	329	4	2	0	8	0	0	0	0	1	0	9
667	Kirkliston,	– – –	1907	2172	91	42	12	63	0	0	0	0	10	0	73
668	LINLITHGOW,	– – –	5784	5554	202	107	40	158	0	0	0	0	15	1	174
669	Livingstone,	– – –	1366	1727	72	27	15	45	1	0	0	0	1	1	48
670	QUEENSFERRY,	– –	1391	1521	55	33	8	57	1	0	0	0	8	2	68
671	Torphichen,	– – –	1848	1630	60	24	14	50	1	0	0	0	5	0	56
672	Uphall,	– – – –	1507	2772	106	30	14	110	0	0	0	0	17	8	135
673	WHITBURN,	– – –	5511	6911	291	123	63	288	1	2	0	0	29	6	326
	25. EDINBURGH.														
674	Borthwick,	– – –	1569	1494	60	28	6	41	0	0	0	0	2	1	44
675	Carrington,	– – –	681	712	28	12	3	17	0	0	0	0	2	0	19
676	Cockpen,	– – –	2113	2481	105	52	25	85	1	0	0	0	5	1	92
677	Colinton,	– – –	2656	3644	143	205	23	111	1	0	0	0	12	20	144
678	Corstorphine,	– – –	1579	1788	56	41	9	37	0	0	0	0	1	0	38
679	Cramond,	– – –	2695	3020	62	54	14	95	0	0	0	0	4	1	100
680	Cranston,	– – –	1035	1036	40	13	6	36	0	0	0	0	0	0	36
681	Crichton,	– – –	1304	1223	36	19	8	42	0	0	0	0	3	0	45
682	Currie,	– – – –	2248	2360	82	39	17	68	0	0	0	0	7	0	75
683	DALKEITH,	– – –	7114	7667	274	173	64	218	2	0	0	0	23	2	245
684	DUDDINGSTON—														
	(1) PORTOBELLO,	–	4366	5481	183	131	55	168	2	0	0	0	24	4	198
	(2) Landward	–	857	970	36	22	7	32	0	0	0	0	2	1	35
685	EDINBURGH—(1) St George,	–	42068	55049	1909	1288	437	1737	9	3	0	0	159	21	1929
	(2) St Andrew,	–	38731	39781	1151	787	298	958	5	2	1	1	101	36	1104
	(3) Canongate,	–	30169	33183	1197	1142	293	1055	4	0	0	0	126	33	1218
	(4) St Giles,	–	29679	31960	1147	817	324	956	0	0	0	0	138	61	1155
	(5) Newington,	–	29797	41079	1434	976	467	1232	16	3	0	0	108	18	1377
686	Fala and Soutra,	– – –	382	364	10	6	1	9	0	0	0	0	1	0	10
687	Glencross,	– – –	1217	1153	35	14	12	29	0	0	0	0	1	1	31

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		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	On the ground of Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
	EDINBURGH—*continued.*													
688	Heriot, – – – –	407	414	13	6	0	16	0	0	0	0	2	0	18
689	INVERESK, – – –	9518	10068	311	233	76	275	4	0	0	0	25	5	30[illegible]
690	Kirknewton and East-Calder,– –	1549	2213	98	39	15	82	2	0	0	0	7	0	91
691	LASSWADE, – – –	5688	7098	257	129	44	232	0	0	0	0	24	4	260
692	LEITH—(1) North Leith, – –	11562	16582	669	377	179	554	2	0	0	0	44	20	620
	(2) South Leith, – –	24467	29852	1312	877	289	1074	17	2	0	0	135	37	1265
693	Liberton, – – – –	3510	3791	118	80	28	94	0	0	0	0	14	9	117
694	Mid-Calder, – – –	1389	3634	51	18	17	53	0	0	0	0	1	0	54
695	Newbattle, – – –	2138	2424	107	38	20	90	0	0	0	0	6	0	96
696	Newton, – – – –	1553	1181	45	27	6	35	1	0	0	0	4	0	40
697	PENICUIK, – – –	3249	3765	112	72	32	89	1	0	0	0	5	0	95
698*a*	Ratho, – – – –	1659	1744	55	28	15	50	2	0	0	0	2	0	54
698*b*	Stobhill, – – – –	2364	2447	113	54	17	87	0	0	0	0	6	0	93
699	Stow, – – – –	1870	1957	62	21	10	58	0	0	0	0	5	0	63
700	Temple, – – – –	682	658	19	6	5	21	0	0	0	0	1	0	22
701	WEST-CALDER, – – –	1927	7865	335	125	39	337	0	0	0	0	41	36	414
	26. HADDINGTON.													
702	Aberlady,– – – –	1019	1022	25	11	6	18	0	0	0	0	4	0	22
703	Athelstaneford, – – –	902	844	17	14	6	23	0	0	0	0	0	0	23
704	Bolton, – – – –	332	364	9	4	3	7	0	0	0	0	1	0	8
705	Dirleton, – – – –	1540	1419	29	17	9	26	0	0	0	0	1	0	27
706	DUNBAR, – – –	4944	4982	140	145	30	129	3	0	0	4	19	2	157
707	Garvald, – – – –	891	832	15	8	5	22	0	0	0	0	1	0	23
708	Gladsmuir, – – –	1945	1863	48	27	8	55	4	0	0	0	1	0	60
709	HADDINGTON, – – –	5548	5735	171	112	41	158	2	0	0	0	13	5	178
710	Humbie, – – – –	997	967	26	7	4	24	0	0	0	0	4	1	29
711	Innerwick, – – –	937	892	25	16	4	22	0	0	0	1	1	0	24
712	Morham, – – – –	281	204	5	2	2	6	0	0	0	0	0	0	6
713	NORTH BERWICK, – –	2071	2373	68	49	11	74	1	0	0	0	6	1	82
714	Oldhamstocks, – – –	615	592	11	12	2	8	0	0	0	0	1	0	9
715	Ormiston,– – – –	915	911	38	16	8	33	0	0	0	0	2	0	35
716	Pencaitland, – – –	1187	1320	46	30	10	47	1	0	0	0	1	0	49
717	Prestonkirk, – – –	1960	1931	59	36	15	44	1	1	0	0	2	3	50
718	Prestonpans, – – –	2080	2069	69	58	11	79	0	0	0	0	7	0	86
719	Salton, – – – –	712	647	13	11	3	20	0	0	0	0	0	0	20
720	Spott, – – – –	555	560	14	7	2	18	0	0	0	0	0	1	19

721	Stenton, – – – –	692	612	17	7	2	9	0	0	0	0	0	0	9
722	TRANENT, – – –	4647	4852	233	125	30	167	8	0	0	0	25	1	201
723	Whitekirk and Tynninghame, –	1113	1073	29	14	3	15	0	0	0	0	1	1	17
724	Whittinghame, – – –	710	657	14	7	0	12	0	1	0	0	1	0	14
725	Yester, – – – –	1033	1034	22	14	8	15	0	0	0	0	3	0	18
	27. BERWICK.													
726	Abbey St Bathans, – – –	179	195	8	0	1	5	0	0	0	0	0	0	5
727	AYTON, – – – –	2014	1983	66	34	17	56	0	0	0	0	3	0	59
728	Bunkle and Preston, – –	756	764	17	11	1	22	0	0	0	0	1	0	23
729	Channelkirk, – – –	671	705	23	8	2	19	0	0	0	0	1	0	20
730	Chirnside, – – –	1502	1413	41	25	6	28	0	0	0	0	3	0	31
731	Cockburnspath, – – –	1194	1133	38	14	3	33	0	0	0	0	1	0	34
732	Coldingham, – – –	3241	3093	104	42	10	73	1	0	0	0	8	3	85
733	Coldstream, – – –	2823	2619	65	51	17	66	0	0	0	0	11	1	78
734	Cranshaws, – – –	134	142	1	3	0	2	0	0	0	0	0	0	2
735	DUNSE, – – – –	3595	3602	89	48	14	84	1	0	0	0	11	1	97
736	Earlston, – – – –	1825	1977	66	41	16	52	2	1	0	0	2	1	58
737	Eccles, – – – –	1861	1780	38	26	6	38	0	0	0	0	0	0	38
738	Edrom, – – – –	1592	1513	44	40	6	36	0	0	0	0	5	0	41
739	EYEMOUTH, – – –	1804	2372	95	43	20	84	1	0	0	0	11	0	96
740	Fogo, – – – –	559	502	13	4	3	14	0	0	0	0	2	0	16
741	Foulden, – – – –	431	425	10	8	2	8	0	0	0	0	1	0	9
742	Gordon, – – – –	931	876	24	8	6	20	0	0	0	0	0	0	20
743	Greenlaw, – – –	1370	1381	42	22	5	38	0	0	0	0	3	0	41
744	Hume, – – – –	420	460	15	9	1	10	0	0	0	0	1	0	11
745	Hutton, – – – –	1067	1077	20	20	6	22	0	0	0	0	0	0	22
746	Ladykirk, – – –	564	518	16	6	2	13	0	0	0	0	0	0	13
747	Langton, – – – –	502	548	15	10	4	12	0	0	0	0	1	0	13
748	LAUDER, – – –	2198	2120	71	35	8	55	1	0	0	0	8	5	69
749	Legerwood, – – –	599	525	20	7	3	22	0	0	0	0	0	0	22
750	Longformacus, – – –	448	452	15	5	5	10	0	0	0	1	0	0	11
751	Merton, – – – –	729	734	24	8	4	17	0	0	0	0	2	0	19
752	Mordington, – – –	377	402	7	4	1	13	0	0	0	0	0	0	13
753	Nenthorn, – – –	461	434	16	2	1	12	0	0	0	0	2	0	14
754	Polwarth, – – –	251	249	3	5	0	6	0	0	0	0	0	0	6
755	Swinton, – – – –	964	996	23	19	3	24	0	0	0	0	3	0	27
756	Westruther, – – –	786	784	19	4	7	15	0	0	0	0	1	1	17
757	Whitsome, – – –	640	608	9	6	2	9	0	0	0	0	1	0	10
	28. PEEBLES.													
758	Broughton (merged in 763),													
759	Drumelzier, – –	209	221	9	5	0	7	0	0	0	0	1	0	8
760	Eddlestone, – – –	753	700	16	4	5	17	1	0	0	0	1	0	19
761	Glenholm (merged in 763), – –													
762	Innerleithen, – – –	1787	2776	99	45	17	73	1	3	0	0	6	1	84
763	Kilbucho, Broughton, and Glenholm, –	723	729	23	5	6	25	0	0	0	0	2	0	27
764	Kirkurd, – – – –	362	294	7	2	1	9	0	0	0	0	0	0	9
765	Lyne, etc.—(1) Lyne, – –	81	104	3	0	1	4	0	0	0	0	0	0	4
	(2) Megget, – –	53	70	1	0	0	1	0	0	0	0	0	0	1

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									Insusceptible of Vaccine Disease.					
		1861.	1871.	Births.	Deaths.	Marriages.	Successfully Vaccinated.	Vaccination Postponed.	On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.	Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
	PEEBLES—*continued.*													
766	Manor, – – –	247	271	6	4	0	11	0	0	0	0	0	0	11
767	Newlands, – – –	987	851	21	12	3	22	0	0	0	0	2	3	27
768	PEEBLES, – – –	2850	3172	107	65	22	67	1	0	0	0	12	4	84
769	Skirling, – – – –	317	325	8	4	1	5	0	0	0	0	1	0	6
770	Stobo, – – – –	478	459	21	9	1	15	0	0	0	0	0	3	18
771	Traquair,– – – –	687	669	19	5	4	22	1	0	0	0	1	0	24
772	Tweedsmuir, – – –	196	190	7	2	1	2	0	0	0	0	0	0	2
773	West Linton, – – –	1534	1387	44	20	8	34	0	0	0	0	4	0	38
	29. SELKIRK.													
774*a*	Caddonfoot, – – –	610	699	33	12	4	21	0	0	0	0	6	0	27
774*b*	Ettrick, – – – –	454	434	10	4	3	12	0	0	0	0	0	0	12
775	GALASHIELS, – – –	3268	5921	230	127	57	235	0	0	0	0.	26	2	263
776*a*	Kirkhope, – – –	555	565	18	4	1	7	0	0	0	0	2	0	9
776*b*	LADHOPE, – – –	4154	5317	241	100	38	221	4	0	0	0	23	4	252
777	Roberton, – – –	640	593	12	4	2	19	1	0	0	0	1	0	21
778	SELKIRK, – – –	4646	5555	231	124	37	176	3	0	0	0	25	4	208
779	Yarrow, – – – –	574	567	19	10	2	17	0	0	0	0	1	1	19
	VIII. SOUTHERN DIVISION.													
	30. ROXBURGH.													
780	Ancrum, – – – –	1511	1391	53	13	7	24	0	0	0	0	1	0	25
781	Ashkirk, – – – –	578	550	10	6	2	14	1	0	0	0	1	0	16
782	Bedrule, – – – –	222	292	7	2	3	11	0	0	0	0	0	0	11
783	Bowden, – – – –	864	842	18	16	6	24	0	0	0	0	1	0	25
784	Castleton, – – –	3688	2202	81	37	8	74	0	0	0	0	12	0	86
785	Cavers, – – – –	1824	1443	43	22	9	53	0	0	0	0	10	0	63
786	Crailing, – – – –	673	657	16	7	4	24	0	0	0	0	1	0	25
787*a*	Eckford, – – – –	957	931	24	7	5	21	0	0	0	0	1	0	22
787*b*	Edgerston, – – –	359	365	15	5	1	17	0	0	0	0	2	0	19
788	Ednam, – – – –	599	613	20	4	3	15	0	0	0	0	0	0	15
789	HAWICK, – – –	8726	8733	333	168	76	282	1	0	0	0	41	3	327
790	Hobkirk, – – – –	771	718	17	7	1	20	0	0	0	0	2	0	22
791	Hownam, – – – –	289	238	11	5	3	6	0	0	0	0	0	0	6
792	JEDBURGH, – – –	5011	4971	152	84	27	116	3	0	0	0	9	2	130
793	KELSO, – – – –	5192	5124	139	95	30	151	1	0	1	0	14	5	172

794	Kirktown,	421	320	7	3	3	11	0	0	0	0	0	0	11
795	Lilliesleaf,	772	788	31	5	3	21	0	0	0	0	1	0	22
796	Linton,	608	570	12	3	4	11	0	0	0	0	0	0	11
797	Makerston,	380	361	10	3	6	12	0	0	0	0	2	0	14
798	Maxton,	497	481	14	4	4	11	0	0	0	0	0	0	11
799	Melrose,	3500	4115	106	79	22	101	2	0	0	0	7	1	111
800	Minto,	430	431	6	5	3	11	0	0	0	0	0	0	11
801	Morebattle,	1031	986	32	14	8	24	0	0	0	0	3	0	27
802	Oxnam,	592	652	23	6	2	17	0	0	0	0	1	0	18
803	Roxburgh,	1178	1053	36	12	7	29	0	0	0	0	2	1	32
804	St Boswells,	922	973	40	16	2	25	0	0	0	0	0	0	25
805	Smailholm,	554	534	14	6	3	15	0	0	0	0	0	0	15
806	Southdean,	687	674	14	9	3	18	0	0	0	0	3	0	21
807	Sprouston,	1305	1294	31	9	11	24	0	0	0	0	1	1	26
808	Stitchel,	425	388	11	8	4	10	0	0	0	0	0	0	10
809	Teviothead,	438	515	15	8	2	16	0	0	0	0	2	0	18
810	WILTON,	3357	3936	162	73	26	151	1	0	0	0	26	3	181
811	Yetholm,	1207	1100	32	17	5	34	0	0	0	0	1	0	35
	31. DUMFRIES.													
812	ANNAN,	5113	4631	152	97	16	113	0	0	0	2	16	4	135
813*a*	Applegarth,	935	902	18	19	8	23	1	0	0	0	3	0	27
813*b*	BRYDEKIRK,	779	731	22	19	4	15	0	0	0	0	0	0	15
814	Canonbie,	3219	3055	111	74	18	67	26	0	0	0	6	2	101
815	Carlaverock,	1248	1151	29	14	7	31	0	0	0	0	2	0	33
816	Closeburn,	1651	1612	56	18	10	35	0	0	0	0	3	0	38
817	Cummertrees,	1184	1072	28	22	7	20	0	1	0	0	2	0	23
818	Dalton,	679	577	17	8	1	16	0	0	0	0	0	0	16
819	Dornock,	856	826	21	17	6	19	0	0	0	0	3	0	22
820	Dryfesdale,	2509	2825	85	54	18	89	0	0	0	0	7	0	96
821	DUMFRIES,	13523	14841	440	435	98	378	5	2	0	0	52	16	453
822	Dunscore,	1554	1504	40	26	12	32	1	0	0	0	3	0	36
823	Durrisdeer,	1320	1189	31	15	8	32	1	0	0	0	0	0	33
824	Eskdalemuir,	590	551	11	8	1	15	0	0	0	0	2	0	17
825	Ewes,	356	338	7	0	3	13	0	0	0	0	0	0	13
826	Glencairn,	1867	1749	42	27	15	44	0	2	0	0	2	0	48
827	Graitney (or Gretna),	1620	1395	35	21	10	30	1	0	0	0	1	1	33
828	Halfmorton,	713	611	18	8	6	10	2	1	0	0	5	0	18
829	Hoddam,	1568	1520	35	36	5	38	0	0	0	0	2	0	40
830	Holywood,	1115	1069	25	19	8	29	0	0	0	0	2	1	32
831	Hutton,	876	842	32	18	3	24	0	0	0	0	2	1	27
832	Johnstone,	1149	1089	28	7	9	32	0	0	0	0	2	0	34
833	Keir,	849	828	19	17	3	20	0	0	0	0	2	0	22
834	Kirkconnel,	996	952	29	19	6	34	0	0	0	0	4	0	38
835	Kirkmahoe,	1462	1332	41	13	9	32	1	0	0	0	5	0	38
836	Kirkmichael,	1026	903	30	12	4	30	0	0	0	0	5	0	35
837	Kirkpatrick-Fleming—													
	(1) Northern District,	493	393	9	11	2	11	0	0	0	0	0	0	11
	(2) Southern District,	1432	1136	31	34	8	24	2	0	0	0	9	2	37

No. of District.	REGISTRATION DISTRICTS.	POPULATION.		BIRTHS, DEATHS, AND MARRIAGES, 1874.			VACCINATIONS, 1873.							
							Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccine Disease.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births for 1873.
									On the ground of Constitutional Insusceptibility.	In respect of the Children having already had Small-pox.	On the ground of previous Successful Vaccination.			
		1861.	1871.	Births.	Deaths.	Marriages.								
	DUMFRIES—*continued.*													
838	Kirkpatrick-Juxta,	1025	1091	31	18	5	22	0	0	0	0	4	0	26
839	LANGHOLM,	2979	3735	149	89	18	106	7	0	0	0	8	7	128
840	LOCHMABEN,	3087	3085	69	66	17	79	1	0	0	0	13	1	94
841	Middlebie,	2004	2000	62	38	11	46	0	0	0	0	6	1	53
842	Moffat,	2232	2543	74	50	23	58	2	0	0	0	2	0	62
843	Morton,	2253	2099	55	51	10	54	1	0	0	0	6	0	61
844	Mousewald,	633	647	15	9	0	14	1	0	0	0	1	0	16
845	Penpont,	1326	1323	28	28	8	38	1	0	0	0	1	0	40
846	Ruthwell,	1046	974	23	10	5	23	0	0	0	0	0	0	23
847	St Mungo,	686	658	17	8	8	14	0	0	0	0	4	0	18
848	SANQUHAR,	2758	2201	87	52	15	40	0	0	0	0	2	1	43
849	Tinwald,	1079	993	33	21	5	28	0	0	0	0	3	0	31
850	Torthorwald,	1254	1098	37	21	7	21	1	0	0	0	0	0	22
851	Tundergarth,	507	510	16	5	3	17	0	0	0	0	0	0	17
852	Tynron,	446	381	13	15	3	13	0	0	0	0	0	0	13
853*a*	Wamphray,	559	505	6	11	0	16	0	0	0	0	2	0	18
853*b*	Wanlockhead,	811	837	25	16	8	24	0	0	0	0	3	0	27
854	Westerkirk,	537	540	16	6	4	7	0	0	0	0	1	0	8
	32. KIRKCUDBRIGHT.													
855	Anwoth,	899	827	20	16	1	12	0	0	0	0	3	0	15
856	Balmaclellan,	890	861	19	16	2	22	1	0	0	0	3	0	26
857*a*	Balmaghie,	1225	1085	34	16	7	27	0	0	0	0	1	0	28
857*b*	Bargrennan,	471	428	5	6	2	12	0	0	0	0	0	0	12
858	Borgue,	1162	1087	35	19	8	39	0	0	0	0	3	1	43
859	Buittle,	1165	1026	35	17	8	26	0	0	0	0	2	0	28
860	Carsphairn,	553	545	13	7	2	17	1	0	0	0	1	0	19
861	Colvend,	1366	1318	48	18	6	30	0	0	0	0	0	0	30
862	Corsock-Bridge,	544	563	23	10	4	13	0	0	0	0	1	0	14
863	CROSSMICHAEL,	1536	1492	37	25	5	34	0	0	0	0	4	3	41
864	DALBEATTIE,	2054	3163	124	83	33	103	3	0	0	0	6	1	113
865	Dalry,	1149	1074	29	11	7	25	0	0	0	0	0	0	25
866	Girthon,	1702	1586	51	30	14	42	0	0	0	0	5	1	48
867	Irongray,	913	815	27	10	6	23	0	0	0	0	3	0	26
868	KELLS,	1170	1007	22	16	4	23	0	0	0	0	0	0	23
869	KELTON,	3436	3222	100	73	26	88	2	0	0	0	17	0	107
870	Kirkbean,	942	825	27	11	2	21	0	0	0	0	1	1	23

871	KIRKCUDBRIGHT, – –	3407	3346	90	79	19	82	0	0	0	0	10	1	93
872	Kirkgunzeon, – – –	793	661	25	7	1	19	0	0	0	0	1	0	20
873	Kirkmabreck, – – –	1851	1568	52	32	7	42	0	0	0	0	1	0	43
874	Kirkpatrick-Durham, – –	1323	1218	29	13	7	24	2	0	0	0	2	3	31
875	Lochrutton, – – –	677	656	18	11	5	28	0	0	0	0	0	0	28
876	MINNIGAFF, – – –	1518	1329	50	14	8	32	0	0	0	0	5	0	37
877	New Abbey, – – –	1063	931	33	18	4	19	0	0	0	0	4	1	24
878	Parton, – – – –	572	526	18	5	3	12	0	0	0	0	0	0	12
879	Rerrick, – – – –	1738	1911	50	29	13	52	0	0	0	0	0	0	52
880	TERREGLES, – – –	580	547	10	6	3	21	0	0	0	0	1	0	22
881	Tongland, – – –	892	902	25	16	2	26	1	0	0	0	0	0	27
882	TROQUEER, – – –	4743	5402	178	157	25	143	0	0	0	0	15	1	159
883	Twynholm, – – –	815	717	15	7	2	22	1	0	0	0	1	0	24
884	Urr, – – – –	1531	1443	40	19	7	36	0	1	0	0	2	0	39
	33. WIGTOWN.													
885	Glasserton, – – –	1472	1196	34	20	5	31	0	0	0	0	3	0	34
886	Inch, – – – –	2460	2189	60	34	16	57	0	0	0	0	1	0	58
887	Kirkcolm, – – –	1860	1948	53	32	14	54	0	0	0	0	1	0	55
888	Kirkcowan, – – –	1434	1352	44	32	5	32	0	0	0	0	3	1	36
889	Kirkinner, – – –	1716	1548	35	31	5	50	0	0	0	0	2	0	52
890	Kirkmaiden, – – –	2333	2507	93	39	19	78	0	0	0	0	4	0	82
891	Leswalt, – – – –	1417	1249	33	19	7	47	1	0	0	0	0	0	48
892	Mochrum, – – –	2694	2450	81	52	12	69	0	1	0	0	8	2	80
893	New Luce, – – –	731	661	29	15	3	24	0	0	0	0	0	0	24
894	Old Luce (or Glenluce), – –	2800	2449	79	49	9	74	0	0	0	0	4	2	80
895	PENNINGHAME, – – –	3876	3712	110	64	34	92	0	0	0	0	16	0	108
896	Portpatrick, – – –	2189	1492	47	29	3	35	1	0	0	0	3	0	39
897	Sorbie, – – – –	1814	1667	44	39	11	45	0	0	0	0	1	0	46
898	Stoneykirk, – – –	3228	2993	92	44	20	70	0	0	0	0	8	0	78
899	STRANRAER, – – –	6315	5977	185	165	41	150	1	0	0	0	8	2	161
900	WHITHORN, – – –	2934	2906	81	59	15	79	0	0	0	0	8	0	87
901	WIGTOWN, – – –	2637	2306	72	48	15	41	0	1	0	0	5	3	50

APPENDIX.

ANNUAL AVERAGE of VACCINATIONS in SCOTLAND during the Ten Years 1864–1873.

		Successfully Vaccinated.	Vaccination Postponed.	Insusceptible of Vaccination.			Died before Vaccination.	Removed from District before Vaccination, or otherwise unaccounted for.	Total Births.
				From Constitutional Insusceptibility	From having had Small-pox.	From previous Vaccination.			
	SCOTLAND,	101152·4	811·8	296·2	53·1	231·8	9769·9	2620·0	114935·2
	DIVISIONS.								
I.	NORTHERN,	2752·5	138·0	18·2	2·0	12·9	186·6	132·7	3242·9
II.	NORTH-WESTERN,	3576·4	231·8	43·5	1·2	16·6	372·8	171·4	4413·7
III.	NORTH-EASTERN,	11800·0	55·7	31·1	1·5	6·1	885·5	62·3	12842·2
IV.	EAST-MIDLAND,	16215·0	73·5	43·7	12·7	48·5	1561·7	239·6	18194·7
V.	WEST-MIDLAND,	7205·1	80·1	19·3	2·1	6·2	614·1	176·6	8103·5
VI.	SOUTH-WESTERN,	39829·3	106·9	79·2	24·2	122·5	4212·7	1337·0	45711·8
VII.	SOUTH-EASTERN,	13993·6	72·5	37·0	7·6	10·7	1421·8	408·4	15951·6
VIII.	SOUTHERN,	5780·5	53·3	24·2	1·8	8·3	514·7	92·0	6474·8
	COUNTIES.								
	I. NORTHERN.								
1	Shetland,	601·8	42·6	2·9	0·1	8·0	45·3	84·7	785·4
2	Orkney,	732·7	16·8	2·8	0·0	0·8	31·1	6·8	791·0
3	Caithness,	963·0	71·2	8·5	1·9	2·8	77·5	26·9	1151·8
4	Sutherland,	455·0	7·4	4·0	0·0	1·3	32·7	14·3	514·7
	II. NORTH-WESTERN.								
5	Ross and Cromarty,	1778·2	124·9	24·9	0·1	7·9	169·2	58·4	2163·6
6	Inverness,	1798·2	106·9	18·6	1·1	8·7	203·6	113·0	2250·1
	III. NORTH-EASTERN.								
7	Nairn,	209·6	1·7	1·1	0·0	1·8	21·9	2·7	238·8
8	Elgin (or Moray),	1217·9	13·2	6·7	0·0	0·7	104·7	11·8	1355·0
9	Banff,	1737·7	12·8	7·3	0·0	0·0	114·3	6·3	1878·4
10	Aberdeen,	7576·1	22·5	13·8	1·1	3·3	584·2	37·8	8238·8
11	Kincardine,	1058·7	5·5	2·2	0·4	0·3	60·4	3·7	1131·2
	IV. EAST-MIDLAND.								
12	Forfar,	7278·7	17·8	25·6	11·1	45·0	851·6	127·7	8357·5
13	Perth,	3294·6	22·2	7·9	0·6	1·5	251·0	49·2	3627·0
14	Fife,	4770·4	31·3	8·9	0·7	1·7	381·0	54·5	5248·5
15	Kinross,	198·5	0·9	0·4	0·1	0·0	13·1	1·8	214·8
16	Clackmannan,	672·8	1·3	0·9	0·2	0·3	65·0	6·4	746·9
	V. WEST-MIDLAND.								
17	Stirling,	3101·5	16·5	6·4	0·8	3·0	270·1	43·2	3441·5
18	Dumbarton,	1895·7	10·0	2·9	1·1	2·5	179·4	52·3	2143·9
19	Argyll,	1849·3	47·9	7·6	0·2	0·4	135·7	66·6	2107·7
20	Bute,	358·6	5·7	2·4	0·0	0·3	28·9	14·5	410·4
	VI. SOUTH-WESTERN.								
21	Renfrew,	6349·2	24·0	20·9	6·6	25·1	705·8	214·7	7346·3
22	Ayr,	6858·4	22·0	11·2	1·9	8·2	571·8	92·5	7566·0
23	Lanark,	26621·7	60·9	47·1	15·7	89·2	2935·1	1029·8	30799·5
	VII. SOUTH-EASTERN.								
24	Linlithgow,	1565·9	9·1	6·0	0·7	0·0	156·8	46·0	1784·5
25	Edinburgh,	9514·0	43·8	21·3	6·2	7·2	1009·0	321·7	10923·2
26	Haddington,	1075·3	8·7	2·0	0·2	2·3	95·5	18·8	1202·8
27	Berwick,	1029·3	3·9	3·6	0·4	0·7	77·0	11·3	1126·2
28	Peebles,	348·1	3·3	3·2	0·0	0·4	28·1	7·0	390·1
29	Selkirk,	461·0	3·7	0·9	0·1	0·1	55·4	3·6	524·8
	VIII. SOUTHERN.								
30	Roxburgh,	1522·8	8·7	4·3	1·0	0·4	143 9	13·5	1694·6
31	Dumfries,	2055 3	26·1	10·0	0·4	6·0	189·1	37·4	2324 3
32	Kirkcudbright,	1157·0	13·2	4·7	0 3	1·5	98·7	22·9	1298·3
33	Wigtown,	1045·4	5·3	5·2	0·1	0·4	83·0	18·2	1157·6

APPENDIX.

VACCINATIONS, 1873.

EXTRACTS FROM THE REGISTRARS' NOTES RELATIVE TO THE WORKING OF THE VACCINATION ACT.

I. NORTHERN DIVISION.

1. Shetland.

3. (1.) Dunrossness.—Emigration to New Zealand and America has taken place to a considerable extent, consequently the number in col. 7 is rather large. The children of the emigrants were all vaccinated, however, prior to their embarkation, though no certificates were transmitted to the Registrar of the result. These, therefore, may all be considered as vaccinated though partially unaccounted for.

4. (2.) North Yell.—The Vaccinator for Yell and Fetlar left a few months ago, otherwise there would have been no defaulters.

12. (3.) Papa-Stour.—Most of the children have been successfully vaccinated, but the Vaccinator never visited the district again to give certificates.

2. Orkney.

14. Deerness.—The Act works well, and its provisions are punctually attended to.

19. Holm and Paplay.—There is great difficulty sometimes in complying with the terms of of the Statute. There being no medical practitioner residing in the parish, many poor people suffer great hardship and danger to health from exposure to bad weather in the winter season, some of them having to travel nine miles or more to Kirkwall. Were they to ask the doctor to visit them it would cost 21s. for each visit, which is far more than many of them can afford to pay.

3. Caithness.

39. Olrig.—The requirements of the Act are, on the whole, well attended to.

4. Sutherland.

51. Golspie.—Of the seven who died before vaccination, three were triplets. The two who left the district before vaccination were tinkers' children.

II. NORTH-WESTERN DIVISION.

5. Ross and Cromarty.

Mainland.

58. (2.) Shieldaig.—A number of the children are not in a fit state to be vaccinated owing to sickness, and some of them are miserable with scab on their heads, and broken skin, which prevented successful vaccination. In a short time, however, the Vaccinator will try them again.

63. Edderton.—A travelling hawker has left the district without getting his child vaccinated.

66. (1.) Northern District of Gairloch.—Some of those entered in col. 7 were vaccinated, but the parents have not taken up the certificates, owing partly to poverty, and partly to the cold weather which has prevailed for some time.

66. (2.) Southern District of Gairloch.—In the majority of cases the Act works well. The Vaccinator is very attentive and tries to give satisfaction to all parties concerned; but some of the parents cause unnecessary trouble and annoyance to the Registrar by neglecting vaccination till the twelve months (being the time allowed here) have expired; and not till after they receive one or two notices as defaulters, will they comply—the Registrar getting neither the charge of 1s., nor the postage for these notices, which, to say the least, is rather a hard case.

83. Tarbat.—Many of the cases postponed mean inability to pay fee.

Insular.

88. Stornoway.—The Registrar has to remark that an unusual amount of sickness, such as Hooping-cough, Scarlatina, and Croup prevailed since the middle of September last, and caused the vaccination of many of the children to be postponed. These diseases have proved fatal in many instances; but it is gratifying to observe that these complaints are now on the decrease.

89. Uig.—There being no Vaccinator is the reason for 10 of the children being entered under col. 7.

6. Inverness.

Mainland.

97. (1.) Glenelg.—Owing to the distance at which a number of families reside from the residence of the Vaccinator, a difficulty is experienced in procuring certificates after the children are vaccinated, as it is very inconvenient, and sometimes impossible for parents to bring their children to the doctor's house, and they cannot

afford to pay him for visiting and examining the children at their own homes.

97. (3.) North Morar.—The five cases "unaccounted for" refer to children who had not been vaccinated, and concerning whom no certificate had been received. These cases are soon to be reported to the Parochial Board. Notices have frequently to be sent to parents, and nothing paid for extra work. In such cases the remuneration (3d.) allowed the Registrar is quite inadequate.

Insular.

111. (1.) Harris.—The cause of vaccination being again so much in arrear, arises from the frequent changes, for some time past, of Vaccinators. There has not been one here since August last. A medical practitioner has, however, just been appointed for South Harris, who has also been appointed public Vaccinator for the whole parish. He has been ordered to proceed with the vaccination of the children forthwith.

114. (1.) Portree.—The severity of the weather during December prevented some of the parents from bringing out their children in order to be vaccinated.

118. (2.) Howmore.—The Registrar has good reason to believe that some of those marked in col. 7 have been vaccinated, although the certificates have not, as yet, been given in.

119. Strath.—Col. 7 exhibits an unusually large number of defaulters. The medical officer states, however, that six of the 13 had been vaccinated; but that the parents, instead of coming forward with their children on the day of inspection, sent a boy to acquaint him that the operations had all been successful. The certificates were not granted; and as the medical officer who performed the operation has left the district, his successor will be obliged to have these re-vaccinated. The parents maintain that the day was very boisterous, that they had to travel 12 miles, and cross two rivers, consequently could not think of coming out with their children without incurring a great risk.

III. NORTH-EASTERN DIVISION.

7. Nairn.

122. Cawdor.—The practice of ploughmen and agricultural labourers leaving the parish, and seemingly neglecting vaccination purposely, unless it can be enforced ere they depart, is on the increase. These classes also make complaints that, through no fault of theirs, they are often unable to comply with the requirements of the Vaccination Act.

123. Nairn.—I do not know whether this district is exceptional or not, but by carefully keeping a note of every notice sent out pursuant to section 17, I find that fully two-thirds of the parents or guardians neglect to comply with the requirements of the Act within the prescribed time. With 144 as the average annual number of Births, I have made 330 entries in my register of postponements, and sent out about 1000 notices during the 11 years of the currency of the Act. After deducting the number of those dying under six months, this amount of extra work is larger in proportion than I can find in any district with which I am acquainted, and the greater part of it would be unnecessary if something more stringent were applied to the defaulters, who, regardless of the statutory period, too easily, in many cases, get a postponement schedule to relieve them of the consequences of their negligence.

8. Elgin (or Moray).

136. New Spynie.—The child entered in col. 7 was lost sight of, but is now discovered, and at present date the Vaccinator of the parish in which the child is located has been requested to vaccinate forthwith.

9. Banff.

152. Enzie.—Considerable difficulty in getting the schedules returned within the prescribed time. The Vaccination Act does not afford nearly sufficient remuneration for the immense amount of trouble which the Registrar is put to in connection therewith.

157. (2.) Glenlivat.—Notices have frequently to be sent to parents on the expiry of the six months; but this is often caused by the carelessness of the medical man.

166. St. Fergus.—Act works well; but the remuneration received by the Registrar in connection with its operation is quite inadequate to the trouble involved. In consequence of the migratory habits of farm servants, there is sometimes considerable difficulty in recovering the schedule within the six months.

10. Aberdeen.

169. Aberdour.—Parents generally get their children vaccinated in time; but from the want of a resident doctor, there is often delay and annoyance in getting the certificate.

186. Culsamond.—Parents generally require to be reminded, but always take care to avoid the fines.

210. (2.) New Byth.—Vaccination in general well attended to, barring many Registrar's notices, and Vaccinators' back-dating certificates.

IV. EAST-MIDLAND DIVISION.

12. Forfar.

282. (3.) St. Clement (Dundee).—Single postponements are very much on the increase, owing to parents delaying application to a Vaccinator until the statutory period has expired, when some teething rash or kindred eruption causes postponement. The practice of retaining the certificate of successful vaccination until the Registrar writes for it is too prevalent; two months between the date of the certificate and its delivery is a frequent occurrence. The intention of the legislature would be better fulfilled were the period shortened from six to four months. In one case, which is still current, I have made 19 entries of postponement. I have had occasion to caution one medical man for signing a certificate in blank, for a druggist who assumes the functions of a Vaccinator. The practice of signing the certificates for unqualified practitioners is still carried on here, and there is reason to fear that in some cases these certificates are granted although the certifier has not seen the children. By the majority of the profession all such irregularities are strongly censured.

282. (4.) St. Andrew (Dundee).—A very great amount of labour and attention on the part of the Registrar is necessary to secure the carrying out of the requirements of the Act. Notices have to be sent in one case out of every three. Medical men are much to blame; for parents have repeatedly told the Registrar that, although they wanted vaccination for their children when three or four months' old, the doctor put them off by saying it would be time enough when they got the Registrar's notice.

The consequence is not merely the trouble caused to the Registrar, but, in a number of cases, the necessity of postponements, there having been 250 entries of these during last year—surely a larger number than necessary, were vaccination insisted on when a child is three or four months' old, and were the 10 days' grace abolished.

288. Forfar.—During 1873 (on Registrar's appointment) there were a large number of outstanding vaccinations; but by steadily issuing notices to parents, all the certificates were got in. Particular attention has been paid to issuing notices at the expiry of six months, and it is found highly beneficial in having entries completed.

319. St. Vigeans.—In a great many instances notices had to be sent to parents, but these invariably had the desired effect, so that every child born in the parish has been vaccinated, with the exception of three entered under col. 6.

13. Perth.

392. St. Madoes.—In one case successful vaccination was effected after four failures.

14. Fife.

429. Ferry-Port-on-Craig.—Much difficulty is experienced in getting the necessary certificates in cases of postponed vaccination.

V. WEST-MIDLAND DIVISION.

17. Stirling.

479. (2.) Falkirk.—The Registrar is still of opinion that 6d. should be allowed for each vaccination, notwithstanding the cry for economy on the part of public bodies.

490. Stirling.—A number of the children removed from the district are illegitimate. Six months seems too long for a migratory class of the population. The intervals between the reports to the Parochial Board (allowing a child to be nearly a year old in some cases) also gives an opportunity of removal before vaccination. The remuneration, depending on successful vaccination, is scarcely proportioned to the trouble involved in the working of the Act.

18. Dumbarton.

495. Cumbernauld.—At the end of 1873, an epidemic of Small-pox occurred in the Netherwood district, which resulted in two deaths. In the spring of 1874, Small-pox was prevalent in the village of Cumbernauld. There were about 80 cases, which resulted in three deaths. Again, in the autumn of 1874, several serious cases occurred in a miners' row, in the west of the parish, and furnished four deaths.

503. Row.—Since the Act came into operation, no deaths from Small-pox have occurred amongst children. The medical practitioners are very careful in using genuine vaccine matter, and urging the parents to have the operation performed in due time. The Registrars ought to be allowed a higher fee than 3d. for each entry. The discharge of the duty is attended with no small trouble, and a proper recompense ought to be made.

19. Argyll.

Mainland.

505. (2.) Arisaig.—Three defaulters have been duly reported to the Inspector of Poor, but the Registrar has not yet learned the result.

512. Glenorchy.—Parents and guardians recognised the value of vaccination before the passing of the present Act; all having then, when distance from a medical man did not interfere, got their children vaccinated. If at any time there is any defaulter, it is not owing to carelessness, or unwillingness, but to circumstances over which parents have comparatively little control.

523. Kilmore and Kilbride.—The Act is not working so well now as at first. The Registrar is of opinion that vaccination should be performed before the children are three months' old.

528. Morvern.—Since the death of the last appointed medical practitioner, vaccination is difficult to obtain; it is hoped, however, that the vacancy will be supplied soon, as thereby trouble and expense will be saved to all parties concerned, and especially to the Registrar, who is bound to issue regular notices to defaulters, from whom, generally speaking, he will not receive the 1s., or even the postage of the notice. Yet it may be stated, that parents are generally ready to obey the law, if within their power.

VI. SOUTH-WESTERN DIVISION.

22. Ayr.

578. Ayr.—Many parents are of opinion that they need not have their children vaccinated sooner than six months. The time at present allowed is too great; for if an epidemic of Small-pox occurred, this delay would be a source of great evil and much mortality among infants.

590. (2.) Troon.—The Registrar has frequently to write to parents to remind them of their duty as to the vaccination of their children; otherwise the Act works well. Not a single child has left the district without either having been vaccinated or the vaccination schedule having been returned.

597. Kilmarnock.—Vaccinations have been attended to much the same as during previous years; the unreported cases, 12, being only one more than in 1872.

23. Lanark.

654. Rutherglen.—The Register of Vaccinations is complete, with the exception of one case of removal before vaccination. The Registrar, however, had some difficulty in getting the schedules returned. He had to write often, and even call upon those who had neglected to return them at the proper time.

VII. SOUTH-EASTERN DIVISION.

25. Edinburgh.

676. Cockpen.—Although some parents require to be reminded of their duty, the Vaccination Act works well.

681. Crichton.—The return shows that the Vaccination Act works well in this parish.

690. Kirknewton and East Calder.—While the Act has hitherto been pretty successfully carried out, yet it has been so only with a considerable amount of care and attention on the part of the Registrar, dozens of public notices requiring to be sent every year, many of them being repeated. The Registrar believes this does not arise from antagonism to the Act, but from apathy on the part of the parents and also on that of the medical practitioners to have the vaccination performed within the prescribed time, as, when remonstrated with, the one blames the other. If some more stringent regulations were framed, and the time for vaccination shortened from six to three or four months, the re-

quirements of the Act would be more regularly complied with.

27. Berwick.

730. Chirnside.—The Vaccination Act continues to work successfully in this parish.

739. Eyemouth.—The Act does not work smoothly, owing to the numerous postponements. The requirements of the Act might be more advantageously carried out, were the period allowed for vaccination limited to four months instead of six. The fee is decidedly too small for the labour the Registrar has in carrying out the provisions of the Act.

28. Peebles.

762. Innerleithen.—In general, parents are very careless with postponed vaccination schedules, which causes the Registrar much trouble, for which he receives no remuneration. During this year two cases have been successfully vaccinated, that were postponed 11 and 22 times respectively.

29. Selkirk.

779. Yarrow.—Vaccination properly attended to both by parents and Vaccinators.

VIII. SOUTHERN DIVISION.

30. Roxburgh.

783. Bowden.—The Act works admirably.

791. Hownam.—There are a number of families in this parish residing 10 miles and upwards from a properly qualified Vaccinator. The parents complain both of the hardship to themselves, and the risk of dangerous illness to their children, by having to go such distances in winter to the Vaccinator.

792. Jedburgh.—Comparatively few certificates are delivered to the Registrar by the parent, the medical men relieving them of that duty. After vaccination is effected, they (the medical men) are very slow in filling up the certificates, which gives much trouble and annoyance to both Registrar and parents.

32. Kirkcudbright.

862. Corsock Bridge.—Parents are put to great trouble and expense in having to go with their children twice to the medical man, once for vaccination, then eight days after, that he may be satisfied as to the result before granting a certificate. The distance that has to be travelled is often four or five miles, and sometimes even 10 miles. Seeing the trouble that many a working man is put to in order to comply with the law, the Act appears too stringent.

871. Kirkcudbright.—Very many parents require notices sent them, before the Registrar can procure the necessary certificates of vaccination or of postponement. In all these cases the defaulters ought to be charged the "Shilling" mentioned in the notice. Even that small fine would work a reformation.

882. Troqueer.—Most of the people here are alive to the benefits of vaccination. Any difficulty is with the improvident, who do not object to the operation, but have a decided aversion to paying for it.

CONSTITUTION OF THE DISTRICTS DISTINGUISHED IN THE PRECEDING TABLES BY AN ASTERISK (*).

No.	District.	Component Parts (Parishes).
13	Birsay	Part of Harray and Birsay.
14	Deerness	Part of St Andrews.
15	Eday and Pharay	Part of Stronsay and Eday.
22	North Ronaldshay	Part of Cross and Burness.
26	Sanday	Lady, and part of Cross and Burness.
59*b*	Carnoch	Parts of Contin, Fodderty, and Urray.
71*b*	Kinlochluichart	Parts of Contin, Fodderty, and Urray.
86*b*	Carloway	Parts of Lochs and Uig.
87	Lochs	Parts of Lochs and Uig.
112	Kilmuir	(1) Part of Kilmuir, (2) Rest of Kilmuir and part of Snizort.
135	Elgin	Elgin, and parts of New Spynie and St Andrews-Lhanbryde.
147	Banff	Banff, and part of Gamrie.
152	Enzie	Parts of Bellie and Rathven.
155*b*	Glenrinnes	Part of Aberlour and Mortlach.
167	Seafield	Parts of Cullen and Rathven.
222*b*	Millbrex	Parts of Fyvie and Monquhitter.
227*a*	New Machar	New Machar, and part of Udny.
227*b*	New Pitsligo	Parts of Aberdour, New Deer, Strichen, and Tyrie.
237*b*	Savoch	Parts of Ellon, New Deer, Old Deer, and Tarves.
240	Strathdon	Strathdon, and part of Tarland.
249*b*	Ythan Wells	Parts of Auchterless and Forgue.
272	Arbroath	Arbroath, and part of St Vigeans.
282	Dundee	Dundee, and part of Liff, Benvie, and Invergowrie.
312	Montrose	Montrose, and part of Dun.
324	Aberfeldy	Parts of Dull, Fortingall, Kenmore, Logierait, and Weem.
328*b*	Ardoch	Parts of Blackford, Dunblane, and Muthill.
331	Balquhidder	Balquhidder, and part of Comrie.
333	Blackford	Blackford, and part of Ardoch.
344	Dowally	Part of Dunkeld and Dowally.
348	Dunblane	Dunblane, and part of Ardoch.
349	Dunkeld	Parts of Caputh and of Dunkeld and Dowally.
355*a*	Fortingall	Parts of Fortingall and Weem.
355*b*	Foss	Part of Dull.
360	Kenmore	Parts of Kenmore and Weem.
361	Killin	Parts of Kenmore, Killin, and Weem.
367	Kinloch-Rannoch	Parts of Fortingall and Logierait.
375	Logiealmond	Parts of Fowlis-Wester, Little Dunkeld, Methven, Monzie, and Redgorton.
379	Meigle	Meigle, and part of Coupar-Angus.
386*a*	Muthill	Muthill, and part of Ardoch. [Kinloch, and Rattray.
386*b*	Persie	Parts of Alyth, Bendochy, Blairgowrie, Caputh, Kirkmichael, Lethendy and
387	Perth	Perth, and parts of Kinnoull, Scone, and Tibbermore.
394*b*	Strathfillan	Part of Killin.
394*c*	Tenandry	Parts of Blair-Athol, Dull, and Moulin.
402	Anstruther Easter	Parts of Anstruther-Easter and Kilrenny.
423	Dunbog	Dunbog, and parts of Abdie and Flisk.
424	Dunfermline	Parts of Dunfermline and Inverkeithing.
432	Inverkeithing	Parts of Inverkeithing and Dunfermline.
442	Kirkcaldy	Kirkcaldy, and parts of Abbotshall and Kinghorn.
481*b*	Grangemouth	Parts of Bothkennar, Falkirk, and Polmont.
490	Stirling	Stirling, and small part of St Ninians.
493	Bonhill	Bonhill, and part of Dumbarton.
496	Dumbarton	Parts of Cardross and Dumbarton.
506	Ballachulish, etc.	Part of Kilmalie.
509	Cumlodden	Parts of Glassary and Inveraray.
512	Glenorchy	Glenorchy, and part of Inishail.
515	Kilbrandon and Kilchattan	Kilbrandon and Kilchattan, and part of Jura.
517	Kilchrenan	(1) Parts of Kilchrenan, etc., and Inishail.
526	Lochgilphead	Parts of Glassary and South Knapdale.
529	Muckairn	Muckairn, and part of Inishail. [Knapdale.
535	Tarbert	Parts of Kilcalmonell and Kilberry, of Saddell and Skipness, and of South
536	Bowmore (or Killarrow)	Part of Killarrow and Kilmeny.
542	Kilfinichen and Kilvickeon	Parts of Kilfinichen and Kilvickeon, and of Torosay.
543	Kilmeny	Part of Killarrow and Kilmeny.
545	Kinlochspelvie	Part of Torosay.
546	Oa	Part of Kildalton.
547	Portnahaven	Part of Kilchoman.
548	Salen	Parts of Kilninian and Kilmore, and of Torosay.
549	Tobermory	Part of Kilninian and Kilmore
556	Lochranza	Parts of Kilbride and of Kilmory.
557	North Bute	North Bute, and part of Rothesay.
559	Abbey	(1) Parts of Abbey and Renfrew, (2 and 3) Rest of Abbey.
573	Paisley	High, Middle, and Low Church Parishes.
578	Ayr	Ayr, and parts of Newton-upon-Ayr, and of St Quivox.
595	Irvine	Irvine, and part of Dundonald.
612	St Quivox, etc.	Parts of Newton-upon-Ayr, and St Quivox.
626*b*	Calderhead	Parts of Cambusnethan and Shotts.
644	Glasgow	City of Glasgow, including Gorbals and parts of Barony and Govan.
670	Queensferry	Queensferry, and part of Dalmeny.
684	Portobello	Parts of Duddingston and South Leith.
685	Edinburgh	City of Edinburgh, including Canongate and parts of St Cuthberts, Duddingston, Liberton, and South Leith.
690	Kirknewton & East Calder	Kirknewton and East Calder, and part of Kirkliston.
692	Leith	(1) Parts of Cramond, North Leith, and St Cuthberts; (2) Parts of North Leith, St Cuthberts, and South Leith.
698*b*	Stobhill	Parts of Borthwick, Cockpen, Newbattle, and Temple.
774*a*	Caddonfoot	Parts of Galashiels, Selkirk, Yarrow, Innerleithen, and Stow.
787*b*	Edgerston	Parts of Jedburgh, Oxnam, and Southdean.
813*b*	Brydekirk	Parts of Annan, Cummertrees, and Hoddam.
853*b*	Wanlockhead	Part of Sanquhar.
857*b*	Bargrennan	Parts of Minnigaff (Kirkcudbright), and of Penninghame (Wigtown).
862	Corsockbridge	Parts of Balmaclellan, Kirkpatrick-Durham, and Parton.
864	Dalbeattie	Part of Urr.
899	Stranraer	Stranraer, and parts of Inch and Leswalt.

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